

# **Appendices**



## Appendix 1 List of Existing Transport Data

Mode	Item	Information Requested	Hard / Soft	Title		
Road	Service	Road Network in GIS Format	GIS	Road Network Layers		
		Road Inventory Data	Image File	Road Network Map		
		- Road Name	Excel	Paved Road Condition by Section		
		- Length	Excel, PDF	Unpaved Road Condition by Area and Section		
		- Pavement Condition	PDF	Location (Eastings & Southings) and Specification of Road Sections		
		- Carriageway Width, etc	Excel	Road Condition by Route and Road Section		
		Traffic	Daily Traffic Count by Type of Vehicle/AADT (Yearly Data for 10 years)	Excel, PDF	Results of Traffic Count 2005–2011	
				Excel	Traffic Counts by Route and Road Section	
				Excel	High Priority Corridor Section	
				PDF	Survey Methodology and the results of Traffic Count Survey	
Railway	Service	Service Data	Image File	Railway Line Map for TRL		
		- Name of Railway Lines	Image File	TRL Operational Network Map		
		- Location of Stations	Excel	Code Table for Railway Stations		
		- Distance	Excel	Tanzania Rail Time Table		
		- Time Schedule	Excel	TAZARA Through Rates Effective 1 September 2008		
		- Operating Hours	Hard Copy	TRL Revision of Tariff, July 2009		
		- Transportation Capacity	Word	Geographical Distance Table		
		- Handling Charge	PDF	TAZARA Operational Network		
		Traffic	1) Record of Freight Traffic with Origin and Destination - Volume and Value - By Type of Commodity - By Import, Export, and Transit - By Intermodal Connection (Port/Road) 2) Record of Passenger Travel - between stations	Excel	TAZARA Annual Performance 2010/2011	
				Image File	TRL Rail tracker Report: Commodity Performance in 2009	
	Image File			TRL Transport Monthly Statistics in 2010		
	Hard Copy			TRL Transport Monthly Statistics in 2008–2011		
	Hard Copy			TRL 25th Annual Report and Accounts for the Year Ended 31 December 2003		
	Excel			TRL Traffic between Stations by type of Commodity during 2006–2009		
	Excel			TRL Traffic between Stations by type of Commodity in 2009		
	Word			TRC Traffic Volume 2003–2009		
	Excel			Summary of TAZARA Traffic Volume by FY2005/6–2007/8		
	Excel			Summary of TAZARA Traffic Volume by FY2008/9–2009/10		
	Excel			Monthly TAZARA Traffic by OD by Commodity (2009–2011 => some parts are missing)		
	Excel			TRL Passenger Record		
	Excel			TRL Freight/Passenger Performance		
	Study Report			Existing System and Performance Rehabilitation/Improvement Plan	Word	Railway Capability Study
					Word	TAZARA Sub-sector Paper including Performance Reviewing
					PDF	Feasibility Study Upgrade of the Dar es Salaam to Isaka Railway
	Maritime	Service	Service Data	PDF	Tariff System	
			- Route, Frequency and Time - Yearly Handling Volume - Tariff	Excel	Tanga Port Equipments	
Traffic		Record of Freight with Origin and Destination - Volume and Value	Excel	Dar es Salaam Port Statistics		
			Excel	Liquid Cargo Handled at DSM Port 2001–2011		

Mode	Item	Information Requested	Hard / Soft	Title
		- By Port	Excel	Yearly Throughput at TPA Ports 2000–2010
		- By Type of Commodity		
		- By Import, Export and Transit	Excel	Traffic Through DSM Port from 2006–2010
		- By Intermodal Connection (Port / Road)	Excel	Tanga Port Statistics
			Excel	Traffic Through Mombasa Port Jan–Nun 2008
			Word	Mombasa Port Statistics 2008
			PDF	Traffic Through Beira Port (Containers) 2008 estimated
			PDF	Traffic Through Beira Port (General Cargos) 2008 estimated
			Excel	Traffic Through Nacala Port
			Word	Traffic Through Nacala Port
	Plan	Existing System and Performance Improvement Plan		Port Master Plan Report
			Word	Summary of Bagamoyo Port Feasibility Study
Inland Waterway	Service	Service Data - Waterway Route and Time Schedule - Transportation Capacity - Tariff System, etc.	Word	Kigoma Port Operational and Capacity Details
			Powerpoint	Inland waterways infrastructure, services and plans
			PDF	Technical Status of M.V. Liemba, January 2010 Assessment
			PDF	Project Proposals: REHABILITATION OF MARINE SERVICES COMPANY LIMITED LAKE FLEET AND BUILDING OF NEW SHIPS
			Word	MSCL Tariff Revision, Nov. 2011
			Excel	MSCL Tariff
	Traffic	Traffic Volume by Type of Cargo and Passengers Carried /OD Data	Excel	Kigoma Port Cargo Throughput 2004–2009/10
			Excel	Traffic Performance at Mwanza Port from Year 200 to 2009/10
			Word	Statistics Tables in MSCL Study for Inland Water
	Study Report	Improvement Plan		Study Report
Pipeline	Service	1) Existing Pipeline Data - Route - Capacity - Feeder Service, etc. 2) Other Facilities - Storage, etc.	Image File	Traffic Volume and Facility Information of TAZAMA
			Word	E-mail Communication
			Excel	List of Depots and Their Capacities
			Word, PDF	Answer to Questionnaire from MS Gapco ltd.
	Traffic	Transportation Performance - By Origin and Destination		See above
	Plan	Future Network Plan	PDF	List of on-going and planned projects
Aviation	Traffic	Record of Traffic Volume with Origin and Destination - By Airport - By Passengers and Freight	Excel	Import and Export Performance Report January–August 2011
			Excel	TAA Domestic Traffic Volume by flight by airport 2004–2011
			PDF	Traffic Handled at Airports 2006–2010
			Word	Movements Statistics Annual Report 2007–2010
			Excel	TAA Cargo
			Excel	Aircraft Movement
			Excel	Cargo at JNIA 2008–2011

## **Appendix 2 Summary of Trade Data**

### **2.1 Throughput Detail at Major Customs Offices**

(Unit: net ton)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
<b>Dar es Salaam Intl. Airport</b>	<b>707</b>	<b>700</b>	<b>350</b>	<b>69</b>	<b>2,116</b>	<b>488</b>	<b>43</b>	<b>1,590</b>	<b>1,510</b>	<b>85</b>	<b>392</b>	<b>794</b>	<b>4,396</b>	<b>588</b>	<b>520</b>	<b>14,348</b>
<b>Import</b>	<b>160</b>	<b>71</b>	<b>267</b>	<b>46</b>	<b>2,022</b>	<b>463</b>	<b>39</b>	<b>1,538</b>	<b>786</b>	<b>77</b>	<b>154</b>	<b>745</b>	<b>4,088</b>	<b>431</b>	<b>472</b>	<b>11,359</b>
Burundi						0			1	0		0	1			2
Rwanda								0					0		0	0
Kenya	4	1	4	0	13	4	0	100	8	1	3	2	26	1	6	172
Uganda			2		8	1	0	0	3	0		0	11	0	0	26
DRC				0	3			5	1			0	0			9
Southern Africa	91	12	35	9	95	71	3	132	36	10	12	204	346	46	45	1,146
Other Africa	2	2	5	3	41	9	0	11	16	5	2	9	56	2	10	172
Asia	1	3	7	2	922	120	18	224	333	29	30	116	931	64	139	2,939
Middle East	15	25	37	1	87	66	9	262	205	15	24	120	664	92	49	1,671
Europe	48	25	172	23	680	177	7	784	83	14	72	266	1,746	192	177	4,465
Others	0	2	5	7	172	15	2	19	102	3	12	29	307	35	45	755
<b>Export</b>	<b>535</b>	<b>624</b>	<b>82</b>	<b>24</b>	<b>74</b>	<b>20</b>	<b>1</b>	<b>44</b>	<b>672</b>	<b>2</b>	<b>230</b>	<b>36</b>	<b>186</b>	<b>50</b>	<b>23</b>	<b>2,601</b>
Burundi	0				0			0								0
Rwanda					21					2			2			25
Kenya		0	20		0	1	0	2	1		1	0	12	0	1	37
Uganda	3		2	0	1			0	0			0	6	1	1	14
DRC																2
Southern Africa	7	2	9	8	13	2	0	1	579		2	4	17	0	5	651
Other Africa	2	0	5	0	33	0		5	24		0	4	45	0	5	123
Asia	12	0	1	2	0		0	16	3	0	195	1	10	3	0	243
Middle East	1	3	14	2	1	8	0	7	6	0	3	3	18	6	3	75
Europe	487	560	31	5	3	5	1	11	16	0	5	20	71	34	6	1,254
Others	23	58		7	0	4		2	42		25	4	5	6	2	178
<b>Inbound Transit</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>18</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>43</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>100</b>	<b>107</b>	<b>24</b>	<b>334</b>	
<b>Outbound Transit</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>5</b>	<b>7</b>	<b>22</b>	<b>7</b>	<b>22</b>	<b>1</b>	<b>54</b>	
<b>Other Flow</b>																0
Middle East																0
<b>Dar es Salaam Port (Harbour)</b>	<b>1,685</b>	<b>893,638</b>	<b>49,434</b>	<b>179,020</b>	<b>96,079</b>	<b>80,349</b>	<b>3,559</b>	<b>37,464</b>	<b>33,237</b>	<b>7,894</b>	<b>54,776</b>	<b>98,857</b>	<b>44,889</b>	<b>24,995</b>	<b>15,924</b>	<b>1,621,801</b>
<b>Import</b>	<b>1,685</b>	<b>893,481</b>	<b>49,434</b>	<b>178,921</b>	<b>96,072</b>	<b>80,305</b>	<b>3,559</b>	<b>37,464</b>	<b>33,233</b>	<b>7,894</b>	<b>54,752</b>	<b>98,854</b>	<b>44,792</b>	<b>24,731</b>	<b>15,903</b>	<b>1,621,079</b>
Kenya						6										8
Southern Africa	199	639	4,934	13,671	5,592	6,661	17	14,272	301	81	1,683	31,187	1,923	437	278	81,874
Other Africa	3	4	1,026	5,351	13,008	1,120	0	678	134	1	86	106	2,552	12	803	24,886
Asia	675	231,317	11,433	140,373	47,933	44,571	2,887	14,153	16,002	6,939	43,875	45,180	25,089	17,026	11,169	658,621
Middle East	715	149	2,745	16,391	9,771	20,711	451	2,440	3,348	757	5,725	8,739	7,728	1,775	2,651	84,094
Europe	93	300,912	12,825	3,095	10,581	4,366	43	5,125	2,147	78	2,851	9,749	5,833	4,575	726	362,997
Others	0	360,460	16,471	41	9,187	2,869	162	796	11,301	37	531	3,894	1,668	905	276	408,599
<b>Outbound Transit</b>	<b>157</b>	<b>99</b>	<b>7</b>	<b>44</b>	<b>4</b>	<b>25</b>	<b>3</b>	<b>97</b>	<b>264</b>	<b>22</b>	<b>722</b>					
<b>Dar es Salaam Long Room</b>	<b>11,990</b>	<b>374,260</b>	<b>156,183</b>	<b>1,645,760</b>	<b>248,800</b>	<b>80,222</b>	<b>7,696</b>	<b>47,821</b>	<b>155,426</b>	<b>14,982</b>	<b>109,765</b>	<b>1,023,302</b>	<b>121,409</b>	<b>118,999</b>	<b>54,693</b>	<b>4,171,308</b>
<b>Import</b>	<b>783</b>	<b>27,681</b>	<b>15,690</b>	<b>503,949</b>	<b>66,022</b>	<b>34,311</b>	<b>1,086</b>	<b>18,051</b>	<b>12,378</b>	<b>1,504</b>	<b>45,079</b>	<b>130,445</b>	<b>19,765</b>	<b>16,468</b>	<b>17,516</b>	<b>910,729</b>
Burundi																2
Rwanda																1
Kenya					1,113							2,029	3	96		3,241
Uganda																2
DRC																1
Southern Africa	39	368	4,460	634	2,575	5,924	45	6,677	178	25	158	33,231	580	784	294	55,973
Other Africa	2	2	22	355	437	283	2	23	8	1	363	45	658	50	40	2,291
Asia	56	22,665	419	308,453	19,551	11,515	967	5,488	6,560	1,364	42,150	79,677	13,569	11,373	15,885	539,693
Middle East	524	193	8,392	185,591	14,956	12,967	61	1,504	2,630	61	402	9,240	1,591	655	658	239,425
Europe	48	4,411	2,300	8,789	21,414	1,924	7	4,121	1,233	17	1,911	5,912	2,793	3,267	436	58,581
Others	115	42	97	127	5,976	1,698	4	238	1,769	36	96	310	572	238	203	11,519
<b>Export</b>	<b>210</b>	<b>35,129</b>	<b>45,281</b>	<b>5,138</b>	<b>3,482</b>	<b>292</b>	<b>650</b>	<b>2,779</b>	<b>33,900</b>	<b>316</b>	<b>1,300</b>	<b>12,473</b>	<b>681</b>	<b>123</b>	<b>190</b>	<b>141,946</b>
Burundi		14			58		10		1							84
Rwanda			0	37	259	5		0	3							305

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Kenya			124		60				13				0	3		201
Uganda					23	5						6			0	34
DRC				4		6				302	1	2			4	320
Southern Africa	0	2,268	5,870	1,022	499	26		3	524		336	1,233	73	12	29	11,894
Other Africa		206	2,194		408	29		7	1,517	1	451	616	297	1	78	5,806
Asia	110	11,048	6,835	3,447	1,830	146	635	1,902	29,541	12	299	2,515	25	5	10	58,363
Middle East	23	1,834	628	38	15			449	1,294		0	8,017	142	41	9	12,490
Europe	77	16,485	28,275	591	202	66		409	323		208	78	142	60	40	46,955
Others		3,274	1,354		128		15	9	683		4	6	3	0	19	5,495
<b>Inbound Transit</b>	<b>10,997</b>	<b>290,400</b>	<b>95,212</b>	<b>842,828</b>	<b>164,644</b>	<b>45,551</b>	<b>5,264</b>	<b>26,895</b>	<b>106,809</b>	<b>13,161</b>	<b>63,026</b>	<b>79,168</b>	<b>100,699</b>	<b>101,966</b>	<b>35,919</b>	<b>1,982,538</b>
<b>Outbound Transit</b>	<b>0</b>	<b>347</b>		<b>171,261</b>	<b>13,227</b>	<b>60</b>	<b>180</b>	<b>23</b>	<b>712</b>		<b>122</b>	<b>440,820</b>	<b>154</b>	<b>20</b>	<b>126</b>	<b>627,050</b>
<b>Other Flow</b>		<b>20,703</b>		<b>122,583</b>	<b>1,425</b>	<b>8</b>	<b>517</b>	<b>73</b>	<b>1,627</b>		<b>238</b>	<b>360,396</b>	<b>110</b>	<b>422</b>	<b>942</b>	<b>509,045</b>
Burundi		7,812		102			205		665		228	9	19	6	804	9,848
Rwanda		3,079		4,203					18					4	38	7,342
DRC		140		35,829	483			50			11	26,390	50			62,953
Southern Africa		35		1,053			162	23	400			146,107	16	4	0	147,799
Other Africa		38										30,891		3	4	30,936
Asia		1,459		80,291	942	8	150		525			108,578	25	402	95	192,476
Middle East		709		791								30,045				31,544
Europe		7,296		314								15,753		3		23,366
Others		134							20			2,624				2,779
<b>Dar es Salaam Port (Wharf)</b>	<b>12,257</b>	<b>807,426</b>	<b>285,026</b>	<b>2,981,241</b>	<b>263,216</b>	<b>101,549</b>	<b>17,028</b>	<b>71,836</b>	<b>205,267</b>	<b>17,246</b>	<b>97,407</b>	<b>228,943</b>	<b>92,202</b>	<b>81,048</b>	<b>29,385</b>	<b>5,291,077</b>
<b>Import</b>	<b>5,665</b>	<b>461,369</b>	<b>83,904</b>	<b>2,779,570</b>	<b>242,406</b>	<b>91,402</b>	<b>4,604</b>	<b>56,010</b>	<b>93,548</b>	<b>16,018</b>	<b>85,619</b>	<b>146,966</b>	<b>80,131</b>	<b>76,034</b>	<b>24,794</b>	<b>4,248,041</b>
Kenya				6,646	1,235			2				424			86	8,393
Uganda															9	9
DRC					0	1		0	0	0	0	1	1	0	1	4
Southern Africa	1,422	3,497	19,062	177,273	4,286	6,082	9	23,172	346	31	2,478	62,874	1,235	520	202	302,489
Other Africa	18	38	3,195	17,886	12,044	1,403	0	310	463	0	1,603	315	1,031	9	320	38,635
Asia	2,899	161,452	10,468	785,803	91,733	51,528	3,101	19,466	53,365	13,337	58,911	59,587	54,347	56,568	19,258	1,441,822
Middle East	1,194	405	20,916	1,069,307	50,771	24,821	720	4,536	16,728	2,352	12,622	18,500	11,088	3,939	3,333	1,241,231
Europe	31	192,554	10,077	712,898	73,638	5,225	286	7,314	6,432	267	9,787	4,308	10,391	14,211	1,053	1,048,472
Others	100	103,424	20,186	9,757	8,700	2,343	489	1,209	16,214	31	218	959	2,037	691	627	166,986
Export	5,506	312,992	167,881	78,429	5,417	6,374	9,625	13,134	100,503	15	6,051	39,957	1,872	224	440	748,423
Rwanda						1	900							2		903
Kenya					1,877											1,877
Uganda													12			12
DRC		45			13				5			304				367
Southern Africa		883	3,808	8	514	656	51	683	52,881	9	319	1,776	325	61	289	62,264
Other Africa	86	1,146	1,314	9	906	180	2	186	2,019	2	289	1,242	223	17	36	7,655
Asia	1,078	265,305	13,711	66,386	1,906	5,303	8,133	10,854	36,959	2	640	31,526	725	37	30	442,597
Middle East	511	25,001	109,071	2,378		221	112	13	3,114		4,768	3,758	367	34	18	149,366
Europe	3,637	17,922	39,543	8,869	106	11	406	1,206	4,204	1	25	145	191	31	49	76,345
Others	194	2,689	433	780	96	0	21	192	1,322	1	10	1,207	30	41	18	7,036
<b>Outbound Transit</b>	<b>1,071</b>	<b>29,741</b>	<b>33,197</b>	<b>89,979</b>	<b>5,880</b>	<b>3,725</b>	<b>215</b>	<b>2,691</b>	<b>10,991</b>	<b>1,212</b>	<b>5,608</b>	<b>6,425</b>	<b>9,707</b>	<b>4,187</b>	<b>4,046</b>	<b>208,674</b>
<b>Other Flow</b>	<b>15</b>	<b>3,323</b>	<b>45</b>	<b>33,263</b>	<b>9,513</b>	<b>48</b>	<b>2,583</b>	<b>0</b>	<b>225</b>		<b>129</b>	<b>35,595</b>	<b>492</b>	<b>603</b>	<b>104</b>	<b>85,939</b>
Burundi				67					3		3	3	1	2	8	86
Rwanda	15	68		376			15		10					2		487
DRC		696		12,054	9,503							5,586	59	82		27,978
Southern Africa		42		3,839					107		40	21,822	244	460	67	26,620
Other Africa				275								15	1	5		296
Asia		48		13,421			2,512		83		48	6,310	160	47		22,629
Middle East		19	5	325								1,325		3		1,677
Europe		2,022	40	2,818	10		57	0	21		39	549	14	6	21	5,597
Others		429		87		48			1						4	569

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
<b>Arusha</b>	0	0	173	45	607	11,109	0	268	1,757	0	104	1,882	458	4,255	12	20,671
<b>Import</b>			173	45	607	11,109		268	1,757		104	1,826	458	4,254	12	20,614
Kenya			0			258			2				10	86		355
Southern Africa			32		22	227			0					19		301
Other Africa						21								8		29
Asia				44	129	9,199		243	1,707		104		329	1,307	10	13,405
Middle East			141	1	0	449		23	0		0	1,412	32	239	1	2,298
Europe					351	955		2	49			24	87	2,572	1	4,040
Others					105							58	0	23	0	186
<b>Inbound Transit</b>												56				56
<b>Outbound Transit</b>														1		1
<b>Kilimanjaro Intl. Airport</b>	13	2,261	17	3	95	32	35	38	153	7	104	40	257	158	63	3,276
<b>Import</b>	6	56	17	3	94	32	3	33	79	7	16	40	256	157	59	859
Kenya					0	0		0	1		0		1		0	3
Uganda		1							0							1
Southern Africa	0	7	2		11	7	0	2	6	0	7	3	29	3	5	81
Other Africa		1			0			0					1		0	2
Asia		2	0		19	3	1	12	26	1	1	6	22	30	5	129
Middle East	0	1	8	0	16	2	1	2	27	3	2	5	78	60	7	213
Europe	6	43	7	3	44	19	1	14	10	2	5	26	114	55	31	381
Others	0	1	0		2	1	0	2	9	2	0	1	11	8	10	48
<b>Export</b>	6	2,205	0	0	1	0	32	6	74		88	0	1	1	4	2,418
Rwanda													0			0
Kenya																0
Uganda		0														0
Southern Africa	0	0			1		3		0		0		0		0	4
Other Africa		0			0				0				0		0	0
Asia	2	9					1		5		81	0	0		0	99
Middle East	3	0					0	0	2		0				0	6
Europe	1	2,193	0	0			9	2	62		1		0	1	2	2,271
Others		3			0	0	19	4	5		5			0	2	38
<b>Holili</b>	61	12,720	2,029	43,243	4,533	3,285	46	1,517	4,513	105	1,580	5,543	6,014	9,448	1,082	95,720
<b>Import</b>	1	5,064	1,223	7,171	4,463	3,265	46	790	2,742	105	1,580	5,540	5,985	9,426	1,082	48,486
Kenya		1,263	608	6,429	2,008	322	0	193	1,911	62	868	1,964	36	26	53	15,743
Uganda														6		6
Southern Africa			41	17	634	21	0	32	1	0	21	144	379	16	18	1,323
Other Africa												572		65		637
Asia		2,143	42	642	1,314	1,874	21	357	655	25	475	1,138	3,256	3,647	520	16,111
Middle East	1	7	392	84	287	512	20	136	147	11	170	547	1,313	3,043	293	6,964
Europe		1,651	40	0	217	534	5	67	24	6	46	1,154	895	2,476	183	7,297
Others			100		2	4		5	5	1	1	20	105	148	15	406
<b>Export</b>	60	7,656	806	36,071	70	20	727	1,771				3	28	4		47,216
Kenya	60	7,656	806	36,071	70	20	727	1,045				3	28	4		46,491
Southern Africa								16								16
Other Africa								709								709
<b>Outbound Transit</b>														18		18
<b>HoroHoro</b>	935	54,635	5,921	35,181	11,437	1,213	142	65,893	1,601	520	3,052	8,187	1,833	9,095	652	200,297
<b>Import</b>	258	9,541	392	30,782	6,004	582	21	326	354	388	2,835	2,308	1,498	8,805	460	64,554
Kenya	215	8,016	331	30,602	5,760	412	0	243	221	375	2,717	2,016	236	238	169	51,549
Uganda				96	7											103
Southern Africa														5		5
Other Africa	10		1	50												61
Asia		1,500		0	159	107	18	51	92	11	109	235	869	3,246	257	6,653
Middle East	14	26	60	34	56	47	3	33	20	2	8	55	209	2,179	30	2,777
Europe	19				22	17		0	21	0	1	2	184	3,128	4	3,398



(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Others														9		9
<b>Export</b>	677	20,774	5,317	1,880	661	573	120	61,824	748	0	111	110	218	153	90	93,257
Rwanda						3										3
Kenya	677	20,753	5,050	1,880	264	551	24	61,698	678	0	111	110	197	150	80	92,222
Uganda					22				18			0	20	3	1	64
DRC				0												0
Other Africa			267		375											642
Asia						20	24									44
Middle East							72	114	52							238
Europe		21													10	31
Others								12					1			12
<b>Inbound Transit</b>		16,018	204	2,519	4,772	30	0	2,358	432	132	38	4,664	61	54	102	31,384
<b>Outbound Transit</b>		8,302	8			28		1,385	68		68	1,105	56	68	0	11,087
<b>Other Flow</b>																15
Uganda																15
<b>Kabanga</b>	312	58,187	18,458	223,777	6,677	3,892	476	3,543	9,915	508	10,887	16,951	11,590	12,883	4,011	382,066
<b>Import</b>									0			1,445		44		1,489
Burundi									0			1,445		37		1,482
DRC														2		2
Asia														0		0
Europe														5		5
<b>Export</b>	48	6,876	258	97,562	2,639	478		35	89		520	2,917	668	6	227	112,324
Burundi	48	6,551	258	97,120	2,584	478		1	89		518	2,826	650	6	221	111,350
Rwanda				386											2	388
Kenya					9											9
DRC		94		11	16			34				62	4			220
Southern Africa												30				30
Other Africa					30						2				1	33
Asia				1									15		0	16
Europe		232													3	235
Others				44												44
<b>Inbound Transit</b>		15,679		153			83	0	48		1	33	16	3	3	16,017
<b>Outbound Transit</b>	263	35,632	18,200	126,062	4,034	3,403	393	3,507	9,768	508	10,362	12,556	10,875	12,830	3,781	252,174
<b>Other Flow</b>					4	11			11		4		32			62
Burundi					4				11		4		18			37
Europe						11							14			25
<b>Kasumulu</b>	1,077	34,370	11,149	134,068	38,740	2,776	241	30,820	4,161	490	1,526	6,868	4,223	19,463	1,109	291,081
<b>Import</b>	63	13,381	1,627	13,530	300	193	117	1,981	39	4	135	1,250	553	1,400	54	34,626
Kenya														8		8
Uganda														2		2
Southern Africa	63	13,381	1,627	13,530	300	193	117	1,981	17	4	135	1,250	550	1,373	54	34,574
Other Africa									23				2			25
Asia													2			15
Middle East																4
<b>Export</b>	818	706	2,825	49,887	22,863	622		345	236	180	52	1,053	337	268	58	80,250
Burundi													2			2
Rwanda													2	0		2
Kenya	24		21												4	49
DRC						6										6
Southern Africa	794	706	2,804	49,860	22,850	614		345	236	180	52	1,053	334	264	54	80,145
Other Africa				27		2							0	3		43
Middle East												0				0
Others					3											3
<b>Inbound Transit</b>		16,244	3,547	77	26	85	45	24,735	749		73	129	144	120	12	45,987
<b>Outbound Transit</b>	184	3,850	2,876	70,009	15,329	1,860	79	3,759	2,863	304	1,043	4,207	3,102	17,662	952	128,080

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Other Flow	12	190	275	565	222	16	0	0	274	2	222	229	88	12	32	2,138
Southern Africa	12	190	275	565	222	16	0	0	274	2	222	229	88	12	32	2,138
<b>Kigoma</b>	<b>5,332</b>	<b>34,997</b>	<b>4,918</b>	<b>73,539</b>	<b>3,274</b>	<b>996</b>	<b>46</b>	<b>282</b>	<b>820</b>	<b>62</b>	<b>367</b>	<b>4,145</b>	<b>2,876</b>	<b>719</b>	<b>375</b>	<b>132,746</b>
<b>Import</b>		100	2	1,420				16	28			817	299	378	0	3,059
Burundi		100	2									17		113		231
DRC				40				16	28			790		29		903
Southern Africa														1		1
Other Africa													1			1
Asia			0	136									290	216	0	643
Middle East														2		2
Europe				1,244								10		17		1,271
Others													8			8
<b>Export</b>	4,575	12,184	1,219	33,791	2,056	656	32	24	701	43	131	2,983	197	97	238	58,926
Burundi	3,254	535	21	21,048	898	190	1	0	49	18	48	43	2	2	44	26,154
DRC	1,312	11,316	1,195	12,733	873	466	30	24	652	25	83	2,940	194	95	194	32,133
Southern Africa	8															8
Other Africa		333			285											618
Europe			2		0						0		0	0	0	3
Others				10												10
<b>Inbound Transit</b>	1	480	3	180	0			134	0		0	80	1		1	880
<b>Outbound Transit</b>	756	22,233	3,695	38,148	1,217	340	14	107	91	19	236	265	2,378	244	137	69,880
<b>Mtukula</b>	<b>1,569</b>	<b>13,216</b>	<b>15,667</b>	<b>9,344</b>	<b>2,275</b>	<b>3,075</b>	<b>83</b>	<b>1,223</b>	<b>56,482</b>	<b>801</b>	<b>1,478</b>	<b>19,806</b>	<b>1,772</b>	<b>5,038</b>	<b>834</b>	<b>132,663</b>
<b>Import</b>	158	8,588	295	559	1,039	143	39	150	53,269	253	349	18,204	354	1,160	149	84,708
Kenya		16		94								0	0	2		113
Uganda	158	8,571	295	465	1,035	143	36	148	53,250	248	288	18,175	315	944	124	84,195
Southern Africa														1		1
Asia							0		1	0	41	26	31	184	12	295
Middle East				0	4	0	2	2	18	5	20	2	8	16	13	90
Europe														14		14
<b>Export</b>	1,395	399	9,329	1,008	516	1,593	0	755	957	77	730	1,062	341	104	198	18,464
Rwanda			716	82												798
Kenya	9					14		30						18	0	70
Uganda	1,185	359	8,592	869	514	1,577	0	725	957	77	730	1,060	272	75	198	17,189
DRC	63			57	2	2		0				2	63	9	0	198
Other Africa	16		21		0								6	2	0	46
Asia	9					1										10
Europe	113	40											0			153
<b>Inbound Transit</b>					0	57		10	2			39	3			130
<b>Outbound Transit</b>	15	4,229	6,044	7,777	720	1,282	44	308	2,253	471	399	501	1,075	3,753	486	29,359
<b>Other Flow</b>																1
Uganda																1
<b>Mtwara</b>	<b>0</b>	<b>108,660</b>	<b>336</b>	<b>2,005</b>	<b>1,493</b>	<b>947</b>	<b>0</b>	<b>8,634</b>	<b>5</b>	<b>0</b>	<b>66</b>	<b>6,006</b>	<b>2,098</b>	<b>1,418</b>	<b>77</b>	<b>131,744</b>
<b>Import</b>		573	33	2,002	1,490	771		8,455	0		65	5,462	2,037	477	23	21,387
Kenya														50		50
Uganda													2			2
Southern Africa			33	1		1		8,454				59	47	125	4	8,724
Other Africa				0	0	1			0		0	3	267	0	7	280
Asia				113	22	22		1			0	2,809	1,320	6	11	4,305
Middle East				58	269	134					27	15	14			516
Europe		573		399	1,197	474					38	2,431	202	296		5,610
Others				1,431	1	138					0	145	183		1	1,899
<b>Export</b>		108,088	195	3		176		177				543	54	912	48	110,194
Kenya								45								45
Southern Africa			195					130				23	13	0		511
Other Africa		64		3		26		2				519	5	912	9	1,539

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Asia		91,538														91,538
Middle East		212											24			235
Europe		352		0		0						0	0	0	1	354
Others		15,922											12		38	15,972
<b>Outbound Transit</b>		0	108		4	0		3	4		1	2	8	28	6	163
<b>Mwanza</b>	144	65,495	19,515	8,092	4,229	5,722	19	775	844	220	350	1,487	2,218	357	69	109,536
<b>Import</b>	24	18,607	1,416	7,809	2,873	644	5	710	218	208	17	549	1,446	328	30	34,882
Rwanda				0												0
Kenya	0	2,850	271	7,113	1,854	22	0	582	138	186	4	150	662	20	10	13,862
Uganda	23	15,758	1,144	664	939	550	2	116	59	12	10	125	19	44	0	19,465
DRC				3												3
Southern Africa	0	0	0	16	72	38	2	5	14	9	0	213	351	29	9	758
Other Africa			0	10									15	5		30
Asia			0		3	19	0	5	3	1	0	2	21	150	1	205
Middle East		0			1	1	0	1	2	0	1	1	45	45	2	99
Europe	0		0	3	3	11	0	1	1	0	1	25	172	15	6	239
Others					2	3		0	1	0	0	33	161	21	1	221
<b>Export</b>	120	16,888	18,099	283	1,343	1,108	13	57	97	0	326	884	95	29	20	39,364
Kenya	22	235	4,735	2	0			12	0	0	1	94	20	0	18	5,140
Uganda	97	16,653	13,364	236	1,342	1,108		45	95		313	783	50	4		34,091
DRC				3	0	0		0				4	0		0	8
Southern Africa	0		0	25					2		11	2	2	25	1	69
Other Africa				1	0		13					1	21		0	36
Asia				0							0		0	0		0
Middle East	0			0							0		0			0
Europe	0		0	1	0				0		1		0		0	3
Others	0		0	14	0						0	0	1		0	16
<b>Inbound Transit</b>													1			1
<b>Outbound Transit</b>		30,000			13	3,970	1	8	529	12	7	54	676	1	19	35,290
<b>Namanga</b>	5,638	110,220	61,022	22,682	64,077	8,094	1,019	64,510	39,210	2,057	5,308	22,477	5,190	5,263	1,320	418,087
<b>Import</b>	5,288	9,834	12,544	5,701	26,251	3,999	27	7,551	10,676	1,300	3,690	9,839	3,346	4,181	776	105,002
Kenya	5,250	8,542	12,518	5,685	26,176	3,972	26	6,433	10,643	1,300	3,678	9,609	2,606	2,281	727	99,445
Uganda	35	1,283	20	13	1	0		975	6				113	28	1	2,475
DRC								65								65
Southern Africa				1	2	0		26	2		2	16	46	23	5	123
Other Africa												121	28			150
Asia		2	4	1	30	8		44	24	1	10	83	415	973	36	1,630
Middle East				1	4	13		7				1	2	160	2	191
Europe	3	7	2	0	38	6	1	0	1		0	9	133	688	6	896
Others		0											3	26		29
<b>Export</b>	141	83,642	44,092	12,940	13,223	1,613	858	32,557	27,271	0	744	4,347	1,085	447	280	223,239
Burundi													3	2		5
Rwanda							8		1			0			0	9
Kenya	141	81,900	43,869	12,900	12,810	1,530	166	32,269	23,135	0	739	4,252	722	402	277	215,113
Uganda	0	2	214	40	412	55		288	2,710	0	0	94	266	17	2	4,100
DRC						20			1				2			23
Southern Africa		13							6		1		4			24
Other Africa		12			0				709				62			783
Asia		2					133				2			17		155
Middle East		1	9				44				0			7		61
Europe		1,656					515				0		24	2	0	2,198
Others		56		1					709		1		1			768
<b>Inbound Transit</b>	205	2,086	4,089	337	24,372	2,413	27	1,387	1,242	757	865	6,254	410	427	206	45,075
<b>Outbound Transit</b>	5	14,659	298	3,704	231	69	107	23,016	20	0	9	2,037	349	208	59	44,770

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Other Flow									1							1
DRC									1							1
<b>Rusumo</b>	<b>3,975</b>	<b>106,720</b>	<b>17,925</b>	<b>234,262</b>	<b>45,870</b>	<b>6,236</b>	<b>1,415</b>	<b>51,418</b>	<b>26,369</b>	<b>4,041</b>	<b>15,923</b>	<b>22,569</b>	<b>16,346</b>	<b>10,334</b>	<b>6,472</b>	<b>569,876</b>
Import		264	15	16	36	26		51	279		34	756	135	17	2	1,630
Burundi														3		3
Rwanda		264	15	16	36			51	227		32	756	135	10	1	1,543
Uganda														3		3
DRC								26								76
Asia									50							4
Europe								0	2		2		0	0	0	2
Export	1,357	25,497	1,355	41,906	38,504	996	0	44,306	239	2,386	2,574	9,238	563	36	350	169,307
Burundi		459		85	1								0			546
Rwanda	758	23,784	1,243	41,101	38,328	763	0	44,274	226	5	2,214	8,707	534	10	278	162,225
Kenya					1	10									1	11
Uganda				10												10
DRC	594	1,124	101	711	172	144		18	13	1,020	357	518	27	1	70	4,868
Southern Africa					1	60							2	25		88
Other Africa		24			2	19				0	1,360	3	9		1	1,419
Asia			11					13								24
Middle East					0			0	0			4			0	5
Others	5	106														111
Inbound Transit	15	3,102	1	4,518	26	0	569		216	53	9	3	149	228	54	8,944
Outbound Transit	2,603	77,837	16,555	187,821	7,304	5,214	846	7,061	25,635	1,602	13,306	12,573	15,498	10,053	6,067	389,974
Other Flow		21														21
Rwanda		21														21
<b>Sirari</b>	<b>24,011</b>	<b>14,664</b>	<b>31,669</b>	<b>40,312</b>	<b>8,903</b>	<b>16,169</b>	<b>634</b>	<b>2,909</b>	<b>5,330</b>	<b>1,141</b>	<b>9,271</b>	<b>22,254</b>	<b>14,729</b>	<b>4,229</b>	<b>3,048</b>	<b>199,273</b>
Import	349	5,127	8,066	40,015	8,887	16,022	429	2,902	3,557	1,138	9,271	20,087	14,274	4,045	3,048	137,216
Kenya	297	5,107	7,751	37,448	6,033	13,047	16	2,000	622	400	8,258	9,657	3,640	674	426	95,377
Uganda			12									10		11		32
Southern Africa			13	65	315	49	3	156	32	5	7	156	392	22	39	1,269
Other Africa				23	3			0	0		23	0	11	4	0	64
Asia	22	3	2	344	573	1,250	205	414	1,509	369	544	2,864	3,223	1,749	1,080	14,152
Middle East	16	18	269	1,991	365	362	201	292	557	258	360	794	2,773	964	1,228	10,448
Europe		0	19	7	184	274	1	6	12	14	73	5,409	983	392	63	7,437
Others				137	1,414	1,039	2	34	825	92	6	1,197	3,252	229	211	8,437
Export	23,661	6,793	23,603	73	10	139	205	6	1,737	3	6	2,139	450	171	1	58,992
Kenya	8,125	5,793	23,603	22	7	134	18	6	514	2		2,122	202	124	0	40,673
Uganda	0	1,000	0			2			26			1	24			1,054
DRC	98			50												147
Southern Africa	54			0					2				71	12	1	140
Other Africa	36				3	2	29		0	1		16	52	30	0	169
Asia	1,218												15			1,233
Middle East	3,489						158									3,646
Europe	8,933								1,195				23	5		10,155
Others	1,710			2									63		0	1,774
Inbound Transit	1	2,744		224	6	9			18			25		12		3,038
Outbound Transit					0	1		1	0		0	3	5		0	10
Other Flow									18							18
Uganda									18							18
<b>Tanga</b>	<b>314</b>	<b>31,860</b>	<b>278</b>	<b>227,169</b>	<b>5,048</b>	<b>36,287</b>	<b>27</b>	<b>35,426</b>	<b>13,830</b>	<b>42</b>	<b>1,464</b>	<b>5,187</b>	<b>12,179</b>	<b>2,132</b>	<b>835</b>	<b>372,076</b>
Import	3	14,484	259	226,927	5,023	36,111	9	1,205	1,669	42	1,437	5,176	3,771	2,087	832	299,035
Southern Africa			16	65,791	91	37		0	0	0	0	7	271	1	0	66,214
Other Africa						21										21
Asia	1	8,002	4	60,255	3,745	23,911	5	963	1,517	26	1,093	2,014	2,230	1,604	569	105,940
Middle East		2	159	53,433	23	11,012	1	91	61	4	150	2,764	317	141	67	68,224

(Contd.)	Animal & Animal Products	Vegetable Products	Foodstuffs	Mineral Products	Chemicals & Allied Industries	Plastics / Rubbers	Raw Hides, Skins, Leather, & Furs	Wood & Wood Products	Textiles	Footwear / Headgear	Stone / Glass	Metals	Machinery / Electrical	Transportation	Miscellaneous	TOTAL
Europe	2	6,229	38	608	972	1,054	2	129	65	4	189	244	828	290	125	10,781
Others	1	251	42	46,838	191	75	0	22	26	8	6	146	126	52	71	47,855
<b>Export</b>	<b>310</b>	<b>17,322</b>	<b>19</b>	<b>242</b>	<b>0</b>	<b>176</b>	<b>18</b>	<b>34,221</b>	<b>12,161</b>		<b>27</b>	<b>11</b>	<b>8,407</b>	<b>16</b>	<b>3</b>	<b>72,934</b>
Kenya				60					66							126
Southern Africa		211	0			0		23	48			1	33	3	1	321
Other Africa		42				144		1,000	1,059			10		5		2,259
Asia		2,945	18	62		15	18	31,819	6,523				2,745			44,146
Middle East		118						541	2,743		26		151			3,580
Europe	310	13,226	0	120	0	0		837	1,397	1	1		5,172	2	2	21,069
Others		780				17			324				306	6		1,432
<b>Inbound Transit</b>					25	0			0				0	29		55
<b>Outbound Transit</b>		54														54
<b>Tunduma</b>	<b>6,590</b>	<b>105,079</b>	<b>16,562</b>	<b>527,225</b>	<b>173,839</b>	<b>32,643</b>	<b>2,871</b>	<b>10,044</b>	<b>48,350</b>	<b>10,178</b>	<b>24,051</b>	<b>514,323</b>	<b>48,244</b>	<b>50,276</b>	<b>19,071</b>	<b>1,589,346</b>
<b>Import</b>	<b>242</b>	<b>7,860</b>	<b>2,349</b>	<b>11,294</b>	<b>3,647</b>	<b>464</b>	<b>3</b>	<b>701</b>	<b>350</b>	<b>12</b>	<b>154</b>	<b>21,668</b>	<b>2,286</b>	<b>3,655</b>	<b>378</b>	<b>55,064</b>
Kenya													26	10		36
DRC		9			91							55	0	149		304
Southern Africa	242	7,851	2,349	11,294	3,556	433	3	701	178	11	154	21,495	2,019	3,025	378	53,689
Other Africa					1	31			172	0		118	189	413	1	925
Asia													17	21		39
Middle East													21			21
Europe	0												14	32		46
Others														6		6
<b>Export</b>	<b>1,905</b>	<b>23,830</b>	<b>1,221</b>	<b>13,005</b>	<b>15,402</b>	<b>11,573</b>	<b>182</b>	<b>331</b>	<b>2,694</b>	<b>1,453</b>	<b>1,059</b>	<b>8,346</b>	<b>2,321</b>	<b>1,227</b>	<b>1,460</b>	<b>86,009</b>
Burundi		18											30			48
Kenya	0		36										0			36
Uganda		1														1
DRC	1,814	12,550	884	2,717	2,696	3,415	55	188	516	1,425	475	2,234	487	143	251	29,853
Southern Africa	91	7,195	300	9,808	12,258	5,516	101	90	2,126	27	548	5,999	1,806	1,052	352	47,269
Other Africa		4,065	1	371	440	2,641	27	52	13	1	36	31	26	20	857	8,580
Asia					7			1	38		0	52	0	10	0	108
Middle East													2	1		3
Others				109	1						0				0	110
<b>Inbound Transit</b>	<b>5</b>	<b>7,509</b>	<b>2</b>	<b>178,390</b>	<b>13,371</b>	<b>65</b>	<b>241</b>	<b>28</b>	<b>18</b>	<b>5</b>	<b>114</b>	<b>446,032</b>	<b>811</b>	<b>325</b>	<b>160</b>	<b>647,076</b>
<b>Outbound Transit</b>	<b>4,438</b>	<b>65,880</b>	<b>12,990</b>	<b>320,618</b>	<b>141,275</b>	<b>20,541</b>	<b>2,445</b>	<b>8,984</b>	<b>45,288</b>	<b>8,707</b>	<b>22,723</b>	<b>37,555</b>	<b>42,826</b>	<b>45,068</b>	<b>17,072</b>	<b>796,412</b>
<b>Other Flow</b>				<b>3,918</b>	<b>144</b>							<b>722</b>				<b>4,784</b>
Kenya				25												25
DRC				95	144							96				335
Southern Africa				3,798								626				4,425

## 2.2 Transit Cargo OD by Commodity

Animal & Animal Products												Unit: net ton
Origin	Destination											TOTAL
	DSM	Kabanga	Kasumulu	Kigoma	Mtukula	Namanga	Rusumo	Tunduma	Others	Unknown		
Dar es Salaam	1,071	263	26	756	15		2,603	4,390	11	1,871	11,008	
Kigoma	0									1	1	
Namanga			157					47			205	
Rusumo										15	15	
Sirari										1	1	
Tunduma						5					5	
<b>TOTAL</b>	<b>1,071</b>	<b>263</b>	<b>184</b>	<b>756</b>	<b>15</b>	<b>5</b>	<b>2,603</b>	<b>4,438</b>	<b>11</b>	<b>1,888</b>	<b>11,234</b>	

Vegetable Products															Unit: net ton
Origin	Destination														TOTAL
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mtukula	Mwanza	Namanga	Rusumo	Tanga	Tunduma	Others	Unknown	
Dar es Salaam	29,893		35,632	2,322	21,668	0	4,229	30,000		77,837		50,047		38,773	290,400
Horohoro	5			1,005	565						54	14,327	56	6	16,018
Kabanga														15,679	15,679
Kasumulu	316	8,302							7,370				45	210	16,244
Kigoma														480	480
Namanga	6			524							1,507			50	2,086
Rusumo														3,102	3,102
Sirari														2,744	2,744
Tunduma	30								7,289					189	7,509
<b>TOTAL</b>	<b>30,251</b>	<b>8,302</b>	<b>35,632</b>	<b>3,850</b>	<b>22,233</b>	<b>0</b>	<b>4,229</b>	<b>30,000</b>	<b>14,659</b>	<b>77,837</b>	<b>54</b>	<b>65,880</b>	<b>101</b>	<b>61,233</b>	<b>354,261</b>

Foodstuffs													Unit: net ton
Origin	Destination												TOTAL
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mtukula	Namanga	Rusumo	Tunduma	Unknown		
Dar es Salaam	33,197	8	18,200	306	3,695	83	3,001	14	16,555	11,270	8,886	95,213	
Horohoro				186						18		204	
Kasumulu						25	3,043	282			197	3,547	
Kigoma											3	3	
Namanga				2,384						1,702	3	4,089	
Rusumo											1	1	
Tunduma								2				2	
<b>TOTAL</b>	<b>33,197</b>	<b>8</b>	<b>18,200</b>	<b>2,876</b>	<b>3,695</b>	<b>108</b>	<b>6,044</b>	<b>298</b>	<b>16,555</b>	<b>12,990</b>	<b>9,089</b>	<b>103,059</b>	

Mineral Products												Unit: net ton
Origin	Destination											TOTAL
	DSM	Kabanga	Kasumulu	Kigoma	Mutukula	Namanga	Rusumo	Tunduma	Others	Unknown		
Dar es Salaam	90,078	124,592	69,043	37,974	7,754	28	187,787	320,193	318	5,060		842,828
Horohoro	27	1,440	854					170		27		2,519
Kabanga							33				120	153
Kasumulu	47							30				77
Kigoma										180		180
Namanga			113					224				337
Rusumo										4,518		4,518
Sirari				174						50		224
Tunduma	171,186	29	0		24	3,676				3,475		178,390
<b>TOTAL</b>	<b>261,340</b>	<b>126,062</b>	<b>70,009</b>	<b>38,148</b>	<b>7,777</b>	<b>3,704</b>	<b>187,821</b>	<b>320,618</b>	<b>318</b>	<b>13,429</b>		<b>1,029,227</b>

Chemicals & Allied Industries														Unit: net ton
Origin	Destination													TOTAL
	DSM	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown	
Dar es Salaam	5,889	4,034	4,609	1,217	4	704	13	104	7,304		122,908	21	17,855	164,662
Horohoro			4,418								325		29	4,772
Kasumulu								26						26
Kigoma													0	0
Mutukula													0	0
Namanga			6,301								18,043		28	24,372
Rusumo													26	26
Sirari													6	6
Tanga													25	25
Tunduma	13,227					16		102		0			25	13,371
<b>TOTAL</b>	<b>19,117</b>	<b>4,034</b>	<b>15,329</b>	<b>1,217</b>	<b>4</b>	<b>720</b>	<b>13</b>	<b>231</b>	<b>7,304</b>	<b>0</b>	<b>141,275</b>	<b>21</b>	<b>17,995</b>	<b>207,260</b>

Plastics / Rubbers															Unit: net ton
Origin	Destination														TOTAL
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown	
Dar es Salaam	3,771		3,400	938	340	0	1,282	3,970	10	5,214		19,026		7,604	45,554
Horohoro				22								8			30
Kasumulu		28							56				1		85
Mutukula														57	57
Namanga			1	900								1,508	6		2,413
Rusumo														0	0
Sirari														9	9
Tanga										0					0
Tunduma	60		2				0		3		1		0		65
Others														5	5
<b>TOTAL</b>	<b>3,831</b>	<b>28</b>	<b>3,403</b>	<b>1,860</b>	<b>340</b>	<b>0</b>	<b>1,282</b>	<b>3,970</b>	<b>69</b>	<b>5,214</b>	<b>1</b>	<b>20,541</b>	<b>7</b>	<b>7,674</b>	<b>48,218</b>

Raw Hides, Skins, Leather, & Furs												Unit: net ton
Origin	Destination											TOTAL
	DSM	Kabanga	Kasumulu	Kigoma	Mutukula	Mwanza	Namanga	Rusumo	Tunduma	Unknown		
Dar es Salaam	215	393	52	14	44	1		832	2,444	1,271		5,266
Horohoro			0									0
Kabanga								14			69	83
Kasumulu							45					45
Namanga			27							0		27
Rusumo											569	569
Tunduma	180		0				62					241
<b>TOTAL</b>	<b>395</b>	<b>393</b>	<b>79</b>	<b>14</b>	<b>44</b>	<b>1</b>	<b>107</b>	<b>846</b>	<b>2,445</b>	<b>1,909</b>		<b>6,232</b>

Wood & Wood Products														Unit: net ton
Origin	Destination													TOTAL
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mtwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Unknown	
Dar es Salaam	2,692		3,501	280	107	3	308	8	26	7,049		8,720	4,209	26,902
Horohoro				2,357								0		2,358
Kabanga													0	0
Kasumulu	23	1,385							22,983	0			344	24,735
Kigoma													134	134
Mutukula													10	10
Namanga				1,122								264	1	1,387
Tunduma			7					7	12		1			28
<b>TOTAL</b>	<b>2,714</b>	<b>1,385</b>	<b>3,507</b>	<b>3,759</b>	<b>107</b>	<b>3</b>	<b>308</b>	<b>8</b>	<b>23,016</b>	<b>7,061</b>	<b>1</b>	<b>8,984</b>	<b>4,699</b>	<b>55,554</b>

Textiles															Unit: net ton
Origin	Destination														TOTAL
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mtwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown	
Dar es Salaam	10,900	68	9,768	2,022	91	4	2,253	529		25,634		44,466	2	11,115	106,851
Horohoro				385								47			432
Kabanga														48	48
Kasumulu	712						0		3	0			12	22	749
Kigoma														0	0
Mutukula														2	2
Namanga				456								776		10	1,242
Rusumo														216	216
Sirari														18	18
Tanga														0	0
Tunduma			0	0			0		17		0				18
Others	103													595	698
<b>TOTAL</b>	<b>11,715</b>	<b>68</b>	<b>9,768</b>	<b>2,863</b>	<b>91</b>	<b>4</b>	<b>2,253</b>	<b>529</b>	<b>20</b>	<b>25,635</b>	<b>0</b>	<b>45,288</b>	<b>14</b>	<b>12,025</b>	<b>110,273</b>



Footwear / Headgear												Unit: net ton
Origin	Destination										TOTAL	
	DSM	Kabanga	Kasumulu	Kigoma	Mutukula	Mwanza	Namanga	Rusumo	Tunduma	Unknown		
Dar es Salaam	1,212	508	99	19	471	12		1,602	8,025	1,221	13,168	
Horohoro			64						67		132	
Namanga			141						615		757	
Rusumo										53	53	
Tunduma		0					0			5	5	
<b>TOTAL</b>	<b>1,212</b>	<b>508</b>	<b>304</b>	<b>19</b>	<b>471</b>	<b>12</b>	<b>0</b>	<b>1,602</b>	<b>8,707</b>	<b>1,279</b>	<b>14,115</b>	

Stone / Glass														Unit: net ton
Origin	Destination												TOTAL	
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma		Unknown
Dar es Salaam	5,637	12	10,362	767	236	1	399	7		13,306		22,213	10,089	63,029
Horohoro				28									10	38
Kabanga													1	1
Kasumulu	72								1	0				73
Kigoma													0	0
Namanga				248								510	107	865
Rusumo													9	9
Tunduma	50	56					0		8		0		1	114
<b>TOTAL</b>	<b>5,759</b>	<b>68</b>	<b>10,362</b>	<b>1,043</b>	<b>236</b>	<b>1</b>	<b>399</b>	<b>7</b>	<b>9</b>	<b>13,306</b>	<b>0</b>	<b>22,723</b>	<b>10,217</b>	<b>64,131</b>

Metals																Unit: net ton
Origin	Destination														TOTAL	
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown		
Dar es Salaam	6,428	50	12,443	885	265	2	488	54	0	12,514		30,117	7	15,920	79,173	
Arusha & KIA										56					56	
Horohoro				1,444								3,199		21	4,664	
Kabanga														33	33	
Kasumulu	90	8							31						129	
Kigoma														80	80	
Mutukula														39	39	
Namanga	6		82	1,873								4,239		54	6,254	
Rusumo														3	3	
Sirari														25	25	
Tunduma	440,729	1,047	31	5			13		2,005	3	3		0	2,195	446,032	
<b>TOTAL</b>	<b>447,254</b>	<b>1,105</b>	<b>12,556</b>	<b>4,207</b>	<b>265</b>	<b>2</b>	<b>501</b>	<b>54</b>	<b>2,037</b>	<b>12,573</b>	<b>3</b>	<b>37,555</b>	<b>7</b>	<b>18,371</b>	<b>536,488</b>	

Machinery / Electrical																	Unit: net ton
Origin	Destination															TOTAL	
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown			
Dar es Salaam	9,825		10,840	2,817	2,378	8	893	676	1	15,347		42,624	172	15,219	100,800		
Horohoro				58								4			61		
Kabanga														16	16		
Kasumulu	22	4						0	3	111			3		144		
Kigoma														1	1		
Mutukula														3	3		
Mwanza											1				1		
Namanga	0			208	0							198		3	410		
Rusumo														149	149		
Tanga										0		0			0		
Tunduma	132	52	34	19			182		345	40	4		1	2	811		
Others														5	5		
<b>TOTAL</b>	<b>9,980</b>	<b>56</b>	<b>10,875</b>	<b>3,102</b>	<b>2,378</b>	<b>8</b>	<b>1,075</b>	<b>676</b>	<b>349</b>	<b>15,498</b>	<b>5</b>	<b>42,826</b>	<b>177</b>	<b>15,397</b>	<b>102,401</b>		

Transportation																	Unit: net ton
Origin	Destination															TOTAL	
	DSM	Arusha & KIA	Hofili	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Tunduma	Others	Unknown		
Dar es Salaam	4,448	1	16	37	12,783	17,447	244	28	3,659	1	53	9,963	44,818	11	8,564	102,073	
Horohoro					1	1							52			54	
Kabanga															3	3	
Kasumulu					1				9		14	78			18	120	
Mutukula															20	20	
Namanga	3				2	214							196		11	427	
Rusumo															228	228	
Sirari															12	12	
Tanga				4								6	2	3	14	29	
Tunduma	20		2	27	43			85			128	6		10	5	325	
Others											13				7	20	
<b>TOTAL</b>	<b>4,471</b>	<b>1</b>	<b>18</b>	<b>68</b>	<b>12,830</b>	<b>17,662</b>	<b>244</b>	<b>28</b>	<b>3,753</b>	<b>1</b>	<b>208</b>	<b>10,053</b>	<b>45,068</b>	<b>24</b>	<b>8,881</b>	<b>103,311</b>	

Miscellaneous																	Unit: net ton
Origin	Destination															TOTAL	
	DSM	Horohoro	Kabanga	Kasumulu	Kigoma	Mwara	Mutukula	Mwanza	Namanga	Rusumo	Sirari	Tunduma	Others	Unknown			
Dar es Salaam	4,065		3,780	811	137	6	466	19	38	6,066		16,910	0	3,645	35,944		
Horohoro				70								32			102		
Kabanga														3	3		
Kasumulu									11	1			0		12		
Kigoma														1	1		
Namanga	4			72								130			206		
Rusumo														54	54		
Tunduma	126	0	1	0			21		10		0		0	3	160		
<b>TOTAL</b>	<b>4,195</b>	<b>0</b>	<b>3,781</b>	<b>952</b>	<b>137</b>	<b>6</b>	<b>486</b>	<b>19</b>	<b>59</b>	<b>6,067</b>	<b>0</b>	<b>17,072</b>	<b>1</b>	<b>3,706</b>	<b>36,480</b>		

## **Appendix 3    Survey Sheets**

### **3.1    OD and Traffic Count Survey**

#### **3.1.1    OD Survey for Freight**



**TRANSPORT LOGISTICS CONSULTANTS**  
P. O. BOX 19073, LINTON GRANGE, 6015  
PORT ELIZABETH, RSA.













## JICA OD SURVEY MONITORING SHEET

<b>SURVEY POINT:</b>		
<b>LOCATION:</b>	<b>Latitude:</b>	
	<b>Longitude:</b>	
	<b>Zone:</b>	
<b>SURVEYOR:</b>		
<b>DATE:</b>		
<b>TIME:</b>		

VEHICLE INFORMATION															
TRANSPORTER		COUNTRY OF ORIGIN				REG. NO.				TRAILER # 1					
TRAILER # 2		VEHICLE GROUP				VEHICLE TYPE				CONTAINER CODE					
COMMODITY (DETAIL)	HS CODE	TONNAGE			UN NO.	TYPE OF LOAD (✓ Block)									
		TARE	PAYLOAD	GVM		B/BULK	CONSOL	REFER	TANKER	CONTN.	BUS/COACH PASSENGERS				
PASSENGER INFORMATION															
DRIVER GENDER		OD OF PASSENGERS				BUS/COACH CAPACITY				NO. OF PERSONS					
MALE	FEMALE	WHERE BOARDED		DESTINATION		LEGALLY PERMITTED TO CARRY				ACCOMPANYING DRIVER					
BUS SCHEDULE OR TME TABLE & WAITING TIMES AT TERMINAL/PICK UP POINT OR TOWN															
RUNNING TO SCHEDULE/TIME TABLE (✓ Block)				IF NO - CURRENT SCHEDULE				TERMINAL/PICK UP POINT OR TOWN				WAITING TIME IN HRS			
YES				NO											
OD – ORIGIN/DESTINATION SURVEY INFORMATION															
POINT OF ORIGIN				BORDER POSTS				FINAL DESTINATION							
COUNTRY		SPECIFY (e.g. TOWN, PORT, ICD, STATION, AIRPORT, OIL TERMINAL)				LIST BY BORDER POST CODE FROM ORIGIN TO DESTINATION OR SPECIFY				COUNTRY		SPECIFY (e.g. TOWN, PORT, ICD, STATION, AIRPORT, OIL TERMINAL)			
TOTAL TRAVEL TIME AND DISTANCE IN KILOMETRES FROM POINT OF ORIGIN TO DESTINATION															
TOTAL TRIP TIME TO PRESENT				TOTAL DRIVING TIME & KM TRAVELLED				ESTIMATED REMAINING TRAVEL TIME TO DESTINATION & KM							
DAYS		HOURS		DAYS		HOURS		KM		DAYS		HOURS		KM	
ARRIVED AT SURVEY LOCATION				VEHICLE CROSSED OVER				DEPARTED SURVEY LOCATION							
TIME		DATE		TIME		DATE		TIME		DATE					
WAITING TIME AT LOADING POINT IN DAYS AND/OR HOURS															
SEA PORT		LAKE PORT		RAILWAY STATION		ICD DRY PORT		AIRPORT		BORDER POST		OIL TERMINAL		TOWN OR CITY	
DAYS /HRS	OD CODE	DAYS /HRS	OD CODE	DAYS/HRS	OD CODE	DAYS /HRS	OD CODE	DAYS /HRS	OD CODE	DAYS /HRS	OD CODE	DAYS /HRS	OD CODE	DAYS/HRS	
ACCOMPANYING DOCUMENTATION															
DOCUMENT TYPE				(✓ Block)				DOCUMENT TYPE				(✓ Block)			
Vehicle Manifest								Yellow Card							
Passenger Manifest								Road Tolls							
Commercial Invoice								VISA							
Consignment Note								Passport							
Customs Declaration								International Certificate of Vaccination							
Customs Trip Sheet (Transit)								Driver's License							
Third Party Insurance								Weighbridge Ticket							
Other (Specify)															

NO. OF CHECK POINTS/WEIGHBRIDGES ENCOUNTERED ENROUTE – LOCATIONS & TIME DELAYS			
TYPE OF STOP	NUMBER	LOCATIONS	APPROX. TIME TAKEN
<b>CHECK POINTS</b>			
<b>WEIGHBRIDGE</b>			
<b>COMMENTS:</b>			

**Table 1 – Vehicle Groups ( Configurations)**

CODE	VEHICLE CONFIGURATION	
01	Car	
02	Utility Vehicle	
03	Bus (<26 Seats)	
04	Bus (26+ Seats)	
05	Light Truck / Canter – 2 axles	
06	Medium Truck – 3 axles	 
07	Heavy Truck – 4 axles	
08	Heavy Truck – 5 axles	
09	Heavy Truck – 6 axles	 
10	Heavy Truck – 7 axles or more	

**Table 2 – Vehicle Types (Load carrying Category)**

CODE	DESCRIPTION	REMARKS	CODE	DESCRIPTION	REMARKS
1	Tanker Dry Bulk	All commodities	6	Container	Skeletal container carrier
2	Tanker Liquid Bulk	All commodities	7	Box/Pantech	Van and curtain-side bodies
3	Flat Deck	Ignore removable stakes	8	Refrigerated	Van bodies with reefer
4	Drop/Gate side	Full sides – solid or latticed	9	Tipper	Rear and side tippers
5	Beverage	Special purpose beverage	10	Car carrier	Specialized vehicle carrier

**Table 3 – HS Codes**

HS CODE	DESCRIPTION	HS CODE	DESCRIPTION	HS CODE	DESCRIPTION
00 – 00	Empty Returns	01 – 05	Animal & Animal Products	06 – 15	Vegetable Products
16 – 24	Foodstuffs	25 – 27	Mineral Products	28 – 38	Chemical & Allied Products
39 – 40	Plastics/Rubbers	41 – 43	Raw Hides, Skins, Leather & Furs	44 – 49	Wood & Wood Products
50 – 63	Textiles	64 – 67	Footwear/Headgear	68 – 71	Stone/Glass
72 – 83	Metals	84 – 85	Machinery/Electrical	86 – 89	Transportation
90 – 97	Miscellaneous	98 – 99	Service		

**Table 4 – Container Codes**

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
1	1 x 6 metre	2	2 x 6 metre	3	3 x 6 metre
4	1 x 12 metre	5	1 x 6 metre + 1 x 12 metre	6	If load includes other goods

### **3.1.2 OD Survey for Passenger**

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PORT ELIZABETH, RSA.




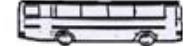


## JICA PASSENGER OD SURVEY MONITORING SHEET (For Railway Stations & Lake Ports)

<b>SURVEY POINT:</b>	
<b>LOCATION</b>	Latitude: Gratitude:
<b>ZONE:</b>	
<b>SURVEYOR:</b>	
<b>DATE:</b>	
<b>TIME:</b>	

PASSENGER INFORMATION						
PASSENGER GENDER		OD OF TRIP		OD OF TARGET TRANSPORT MODE		NO. OF PERSONS
MALE	FEMALE	ORIGIN	DESTINATION	ORIGIN STATION/ PORT	DESTINATION STATION/ PORT	ACCOMPANYING INTERVIEWEE
TRANSPORT MODE USED FROM/ TO TARGET TRANSPORT MODE						
TRANSPORT MODE TO STATION/ LAKE PORT			TRANSPORT MODE FROM STATION/ LAKE PORT			
TRAVEL TIME FROM POINT OF ORIGIN TO DESTINATION						
TIME SPENT FOR THE WHOLE TRIP		FROM ORIGIN OF TRIP TO ORIGIN STATION/ PORT		WAITING TIME AT ORIGIN STATION/ PORT		
days hours		hours		hours		
TIME SPENT ON THE RAIL/ LAKE FERRY		WAITING TIME AT DESTINATION STATION/ PORT		FROM DESTINATION STATION/ PORT TO DESTINATION OF TRIP		
hours		hours		hours		

**Table 1 – TRANSPORT MODE FROM/ TO STATION/ LAKE PORT**

CODE	VEHICLE CONFIGURATION	
01	Private Car	
02	Utility Vehicle	
03	Bus (<26 Seats)	
04	Bus (26+ Seats)	
05	Walking	
06	Bicycle	
07	Motorbike	
08	Others	

### **3.1.3 Traffic Count Survey**





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 PORT ELIZABETH, RSA.

1

**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Town:		GPS ref. S: E:				Name of Road:			From: To:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
06:00-6:15												
6:15-6:30												
6:30-6:45												
6:45-7:00												
7:00-7:15												
7:15-7:30												
7:30-7:45												
7:45-8:00												
8:00-8:15												
8:15-8:30												
8:30-8:45												
8:45-9:00												
9:00-9:15												
9:15-9:30												
9:30-9:45												
9:45-10:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.

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TRANSPORT LOGISTICS CONSULTANTS  
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 PORT ELIZABETH, RSA.

2

**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
10:00-10:15												
10:15-10:30												
10:30-10:45												
10:45-11:00												
11:00-11:15												
11:15-11:30												
11:30-11:45												
11:45-12:00												
12:00-12:15												
12:15-12:30												
12:30-12:45												
12:45-13:00												
13:00-13:15												
13:15-13:30												
13:30-13:45												
13:45-14:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.

A-24



TRANSPORT LOGISTICS CONSULTANTS  
 P. O. BOX 19073, LINTON GRANGE, 6015  
 PORT ELIZABETH, RSA.

3

**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
14:00-14:15												
14:15-14:30												
14:30-14:45												
14:45-15:00												
15:00-15:15												
15:15-15:30												
15:30-15:45												
15:45-16:00												
16:00-16:15												
16:15-16:30												
16:30-16:45												
16:45-17:00												
17:00-17:15												
17:15-17:30												
17:30-17:45												
17:45-18:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.



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 PORT ELIZABETH, RSA.

**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
18:00-18:15												
18:15-18:30												
18:30-18:45												
18:45-19:00												
19:00-19:15												
19:15-19:30												
19:30-19:45												
19:45-20:00												
20:00-20:15												
20:15-20:30												
20:30-20:45												
20:45-21:00												
21:00-21:15												
21:15-21:30												
21:30-21:45												
21:45-22:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.



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 PORT ELIZABETH, RSA.

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**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
22:00-22:15												
22:15-22:30												
22:30-22:45												
22:45-22:00												
23:00-23:15												
23:15-23:30												
23:30-23:45												
23:45-00:00												
00:00-00:15												
00:15-00:30												
00:30-00:45												
00:45-01:00												
01:00-01:15												
01:15-01:30												
01:30-01:45												
01:45-02:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.

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TRANSPORT LOGISTICS CONSULTANTS  
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 PORT ELIZABETH, RSA.

6

**JICA - TRAFFIC VOLUME SURVEY SHEET**

Surveyor:		Location:				Zone:			Direction of travel:			
Date:		Shift:				Start time:			Finish Time:			
Time	01 Car	02 Utility Vehicle (PUs/ Vans)	03 Bus (<26 Seats)	04 Bus (26+ Seats)	05 Light Truck (2 axles)	06 Medium Truck (3 axles)	07 Heavy Truck (4 axles)	08 Heavy Truck (5 axles)	09 Heavy Truck (6 axles)	10 Heavy Truck (7 axles or more)	11 Motor cycle/ Bicycle	12 Animal Drawn or Hand Cart or Other (Specify)
02:00-02:15												
02:15-02:30												
02:30-02:45												
02:45-03:00												
03:00-03:15												
03:15-03:30												
03:30-03:45												
03:45-04:00												
04:00-04:15												
04:15-04:30												
04:30-04:45												
04:45-05:00												
05:00-05:15												
05:15-05:30												
05:30-05:45												
05:45-06:00												

\* Place a vertical stroke in the appropriate block by time period for each vehicle by category passing the survey point travelling in the direction of the survey assignment & a horizontal line through every 4 units for the 5<sup>th</sup> unit.

A-28

### 3.2 Interview Survey to Cargo Owner and Transport Service Industry

#### 3.2.1 Questionnaire for Cargo Owners in Tanzania

##### For Cargo Owners

Name of Interviewer: \_\_\_\_\_

Date: \_\_\_\_\_ / \_\_\_\_\_ / 2011

Name of Interviewee (Contact Person): \_\_\_\_\_

Signature of Interviewee: \_\_\_\_\_

Telephone Number (Contact Info.): \_\_\_\_\_

##### 1. Summary of Business

1-1	Company Name	_____				
1-2	Branch Name	_____				
1-3	Location	Specify (Detail)			Zone-Code	
		_____			_____	
1-4	Ownership (Choose One)	Private (100% Tanzania)	Private (100% Foreign)	Private (Tanzanian & Foreign, Joint)	Private & Public (Joint)	National Government
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Others (Specify)				
		_____				
1-5	Number of Employees in Tanzania (Specify)	_____				
1-6	How Many Trucks does Your Company Own? (Specify number of each category of trucks)	2 axes	3 axes	4 axes	5 axes	6 axes
		_____	_____	_____	_____	_____
1-7	Annual Sales (in Tanzania only)	_____ Tsh/US\$/year				
		Circle Tsh or US\$ (converted to US\$ at data processing)				
1-8	Type of Industry (Choose one)	<input type="checkbox"/> Food beverage and tobacco <input type="checkbox"/> Textile and Leather <input type="checkbox"/> Wood and wood products <input type="checkbox"/> Paper and paper products <input type="checkbox"/> Chemical, petroleum, and plastic products <input type="checkbox"/> Pottery, china, glass and non metallic products <input type="checkbox"/> Basic metals industries <input type="checkbox"/> Fabricated metal products machinery and equipment <input type="checkbox"/> Others (Specify) _____				
1-9	Major Product (One Category)	Specify (Detail)			Commodity-Code	
		_____			_____	
1-10	Annual Sales Volume and Value of Major Product Above (Specify Both)	Volume		Value		
		_____ ton/year		_____ Tsh/US\$/year		
		Circle Tsh or US\$ (converted to US\$ at data processing)				
1-11	Major Material (One Category)	Specify (Detail)			Commodity-Code	
		_____			_____	
1-12	Annual Purchases Volume and Value of Major Material Above (Specify Both)	Volume		Value		
		_____ ton/year		_____ Tsh/US\$/year		
		Circle Tsh or US\$ (converted to US\$ at data processing)				

Zone Code	Region
T-1	Arusha
T-2	Dar es Salaam
T-3	Dodoma
T-4	Mbeya
T-5	Mtwara
T-6	Mwanza
T-7	Tanga

Commodity Code	HS Code	Description	Commodity Code	HS Code	Description
1	01 – 05	Animal & Animal Products	9	50 – 63	Textiles
2	06 – 15	Vegetable Products	10	64 – 67	Footwear / Headgear
3	16 – 24	Foodstuffs	11	68 – 71	Stone / Glass
4	25 – 27	Mineral Products	12	72 – 83	Metals
5	28 – 38	Chemical & Allied Products	13	84 – 85	Machinery / Electrical
6	39 – 40	Plastics / Rubbers	14	86 – 89	Transportation
7	41 – 43	Raw Hides, Skins, Leather & ...	15	90 – 97	Miscellaneous
8	44 – 49	Wood & Wood Products	16	98 – 99	Service

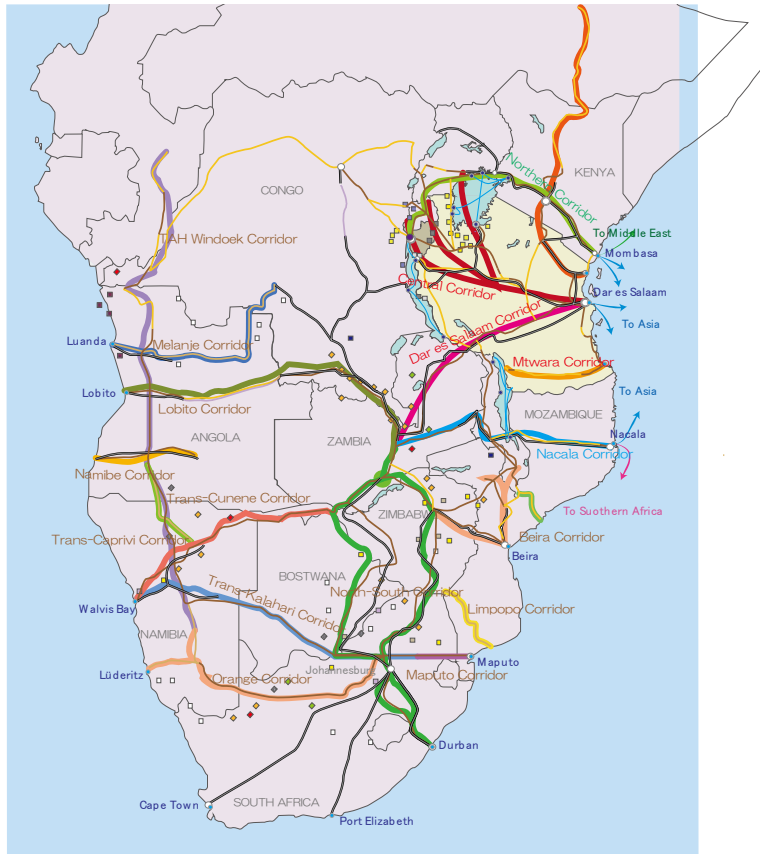
**2. Transport Characteristics: (a) Major Product**

2(a)-1	Major Destination of Major Product Answered to Q 1-9 (Specify)	City/ Region	Country	Estimated Distance from Your Company to Destination or Regional Gateway Sea Port (for Export)			
		<input type="text"/>	<input type="text"/>	<input type="text"/> km			
		<i>Note: Foreign Country or Tanzania</i>		<i>Note: Land Transport Distance</i>			
2(a)-2	Loading Type/ Consignment Condition of Major Product (Choose One)	Containerize d/ Non Refrigerated	Containerize d/ Non Refrigerated	Consolidated / Refrigerated	Consolidated/ Non Non Refrigerated Consolidated	Break Bulk/ Non Liquid Bulk	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2(a)-3	Who is Responsible for Transport of Major Product? (Choose One)	Your Company		Buyer of Major Product (customer)			
		<input type="checkbox"/>		<input type="checkbox"/>			
<b>If Your Company is NOT Responsible for Transport of Major Product, Please Skip to Q 2(b)-1</b>							
2(a)-4	Which Route is Used to Transport Major Product from Your Company to Major Destination/ Gateway Sea Port? (Choose One)	Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route to Mombasa	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Others (Specify)					
		<input type="text"/>					
2(a)-5	Which Sea Port is Used to Transport Major Product from Your Company to Major Destination? (Choose One)	Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Others (Specify)					
		<input type="text"/>					
2(a)-6	Please Describe Transport Route of Major Product on the Tanzanian Map and Regional Map on the Next Page						
2(a)-7	Who Decides Transport Route Above? (Choose One)	Your Company	Buyer of Products	Forwarder	Others	Unknown	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2(a)-8	What is Major Reasons Why Your Company Uses Transport Route Above? (Multiple Answers Allowed)	This Route Minimize Land Transport Time (Including Waiting Time)					<input type="checkbox"/>
		This Route Minimize Land Transport Cost					<input type="checkbox"/>
		Road Condition is Better on This Route					<input type="checkbox"/>
		Better Security for Road Transport on This Route					<input type="checkbox"/>
		Less Roadside Weighbridges on This Route					<input type="checkbox"/>
		Less Roadside Check Points on This Route					<input type="checkbox"/>
		Railway is Available on This Route					<input type="checkbox"/>
		Railway Operation is Effective/ Reliable on This Route					<input type="checkbox"/>
		Sea Port on This Route Minimize Maritime Transport Time					<input type="checkbox"/>
		Sea Port on This Route Minimize Maritime Transport Cost					<input type="checkbox"/>
		Sea Port Tariff (Sea Port Charge) is Minimized on This Route					<input type="checkbox"/>
		Better Security at Sea Port on This Route					<input type="checkbox"/>
		Less Border Crossing Time on This Route					<input type="checkbox"/>
		This Route does not Request Border Crossing					<input type="checkbox"/>
		Clearance Procedure is Easier on This Route					<input type="checkbox"/>
	This Route Minimize Cost for Clearance					<input type="checkbox"/>	
		Others (Specify)					
		<input type="text"/>					
2(a)-9	Average Transport Time and Transport Cost of Major Product by Transport Route Above by Road	Time by Road		Cost by Road			
		Waiting/Loading: hours/ days	<input type="text"/>	US\$/ ton			
		Transport Time: hours/ days	<input type="text"/>	<i>Note: Bulk or Consolidated/ Circle Tsh or US\$</i>			
		Total: hours/ days	<input type="text"/>	Tsh/ US\$/ 40 ft Container			
				<i>Note: Containerized/ Circle Tsh or US\$</i>			
				Tsh/ US\$/ 20 ft Container			
		<i>Note: Circle hours or days</i>		<i>Note: Containerized/ Circle Tsh or US\$</i>			

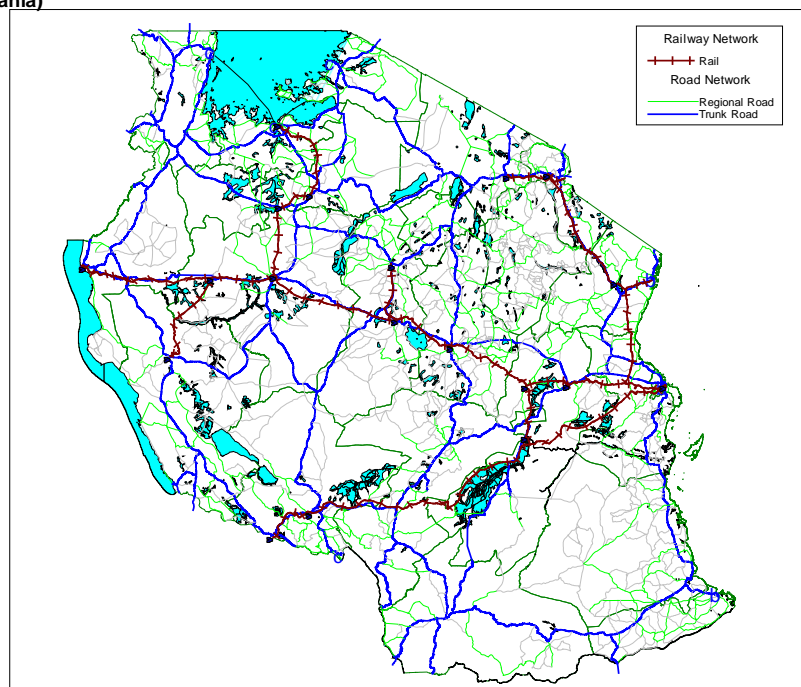


2(a)-10	<p>Average Transport Time and Transport Cost of Major Product by Transport Route Above by Rail</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>Time by Rail</b></p> <p>Waiting/Loading: <input type="text"/> hours/ days</p> <p>Transport Time: <input type="text"/> hours/ days</p> <p>Total: <input type="text"/> hours/ days</p> <p>Note: Circle hours or days</p>	<p><b>Cost by Rail</b></p> <p><input type="text"/> US\$/ ton</p> <p>Note: Bulk or Consolidated/ Circle Tsh or US\$</p> <p><input type="text"/> Tsh/ US\$/ 40 ft Container</p> <p>Note: Containerized/ Circle Tsh or US\$</p> <p><input type="text"/> Tsh/ US\$/ 20 ft Container</p> <p>Note: Containerized/ Circle Tsh or US\$</p>			
2(a)-11	<p>How Much Percentage of Major Product by Volume (ton) is Transported by Road and by Railway? (Specify)</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>Road</b></p> <p><input type="text"/> %</p>	<p><b>Railway</b></p> <p><input type="text"/> %</p>			
2(a)-12	<p>Who Decides Transport Mode Above?</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p>Your company</p> <p><input type="checkbox"/></p>	<p>Buyer of products</p> <p><input type="checkbox"/></p>	<p>Forwarder</p> <p><input type="checkbox"/></p>	<p>Others</p> <p><input type="checkbox"/></p>	<p>Unknown</p> <p><input type="checkbox"/></p>
2(a)-13	<p>What are Major Reasons Why Your Company Prefer Road or Railway? (Multiple Answers Allowed)</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>(Truck Transport Users: Please Answer from Choices Below.)</b></p> <p>Road Transport Time is Shorter than Railway Transport Time <input type="checkbox"/></p> <p>Waiting/ Loading Time for Railway Transport is Too Long <input type="checkbox"/></p> <p>Waiting Time for Railway Cannot be Expected. (Depending on Transport Demand, Waiting Time Could be Very Long) <input type="checkbox"/></p> <p>Railway Transport Time Cannot be Expected because of High Possibility of Delay of Transport. <input type="checkbox"/></p> <p>There is No Time Table for Railway Transport <input type="checkbox"/></p> <p>Security Level of Railway Transport is Too Low (Cargos Could Be Stolen in Case of Railway Transport.) <input type="checkbox"/></p> <p>There is High Possibility of Derailment Incidents (Cargos Could Be Broken in Case of Railway Transport.) <input type="checkbox"/></p> <p>There is No Refrigerated Transport Service for Railway. <input type="checkbox"/></p> <p>Others (Specify) <input type="text"/></p> <p><b>(Railway Transport Users: Please Answer from Choices Below.)</b></p> <p>Railway Transport Cost is Lower than Truck Transport Cost <input type="checkbox"/></p> <p>Border Crossing Procedure is Easier in Case of Railway Transport <input type="checkbox"/></p> <p>Others (Specify) <input type="text"/></p>				

(Transport Route: Regional)



(Transport Route: Tanzania)



**3. Alternative Transport Route: (a) Major Product**

3(a)-1	Is there an Alternative Transport Route for Major Product?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>If You Choose "No" for Question Above, Please Skip to Q2(b)-1</b>			
3(a)-2	Please Choose an Alternative Transport Route You Could Use for Transport of Major Product (Choose One)	Dar es Salaam Corridor <input type="checkbox"/>	Central Corridor <input type="checkbox"/>
		Tanga Corridor <input type="checkbox"/>	Mtwara Corridor <input type="checkbox"/>
		Route from Mombasa <input type="checkbox"/>	
		Others (Specify) <input style="width: 100%;" type="text"/>	
3(a)-3	Please Choose an Alternative Sea Port You Could Use for Transport of Major Product (Choose One)	Dar es Salaam Port <input type="checkbox"/>	Tanga Port <input type="checkbox"/>
		Mtwara Port <input type="checkbox"/>	Mombasa Port <input type="checkbox"/>
		No Sea Port is Used <input type="checkbox"/>	
		Others (Specify) <input style="width: 100%;" type="text"/>	
3(a)-4	What are Major Reasons Why Your Company does NOT Use Alternative Transport Route Above? (Multiple Answers Allowed)	Land Transport Time is Long	<input type="checkbox"/>
		Land Transport Cost is High	<input type="checkbox"/>
		Road Condition is Bad on This Route	<input type="checkbox"/>
		Low-Security for Road Transport on This Route	<input type="checkbox"/>
		Many Roadside Weighbridges on This Route	<input type="checkbox"/>
		Many Roadside Check Points on This Route	<input type="checkbox"/>
		Railway is NOT Available on This Route	<input type="checkbox"/>
		Railway Operation is NOT Effective/ Reliable on This Route	<input type="checkbox"/>
		Maritime Transport to Sea Port on This Route Takes More Time	<input type="checkbox"/>
		Maritime Transport to Sea Port on This Route Takes More Cost	<input type="checkbox"/>
		Sea Port Tariff is High	<input type="checkbox"/>
		Low-Security at Sea Port on This Route	<input type="checkbox"/>
		Long Border Crossing Time on This Route	<input type="checkbox"/>
		This Route Requests Border Crossing	<input type="checkbox"/>
		Clearance Procedure is Complicated on This Route	<input type="checkbox"/>
	Cost for Clearance is High on this Route	<input type="checkbox"/>	
	Others (Specify)	<input style="width: 100%;" type="text"/>	

**2. Transport Characteristics: (b) Major Material**

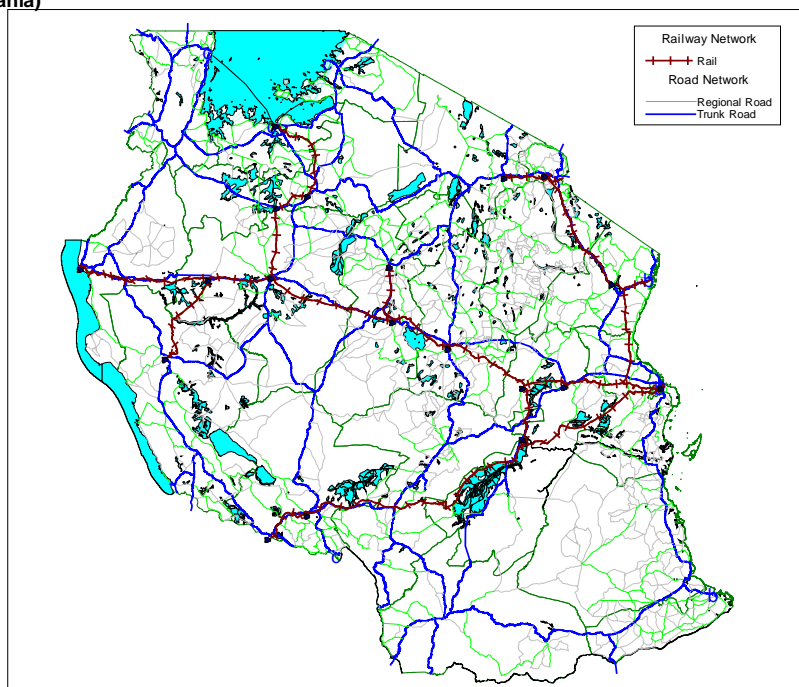
2(b)-1	Major Origin of Major Material Answered to Q 1-11 (Specify)	City/ Region	Country	Estimated Distance from Origin or Regional Gateway Sea Port (for Import) to Your Company				
		<input type="text"/>	<input type="text"/>	<input type="text"/> km				
		<i>Note: Foreign Country or Tanzania</i>		<i>Note: Land Transport Distance</i>				
2(b)-2	Loading Type/ Consignment Condition of Major Product (Choose One)	Containerize d/ Refrigerated	Containerize d/ Non Refrigerated	Consolidated / Refrefrigerated	Consolidated/ Non Refrefrigerated	Break Bulk/ Non Consolidated	Liquid Bulk	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2(b)-3	Who is Responsible for Transport of Major Material? (Choose One)	Your company		Seller of major material				
		<input type="checkbox"/>		<input type="checkbox"/>				
<b>If Your Company is NOT Responsible for Transport of Major Material, Please Skip to Q 4-1</b>								
2(b)-4	Which Route is Used to Transport Major Material from Major Origin/ Gateway Sea Port to Your Company? (Choose One)	Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route from Mombasa		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Others (Specify)						
		<input type="text"/>						
2(b)-5	Which Sea Port is Used to Transport Major Material from Major Origin to Your Company? (Choose One)	Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Others (Specify)						
		<input type="text"/>						
2(b)-6	Please Describe Transport Route of Major Material on the Tanzanian Map and Regional Map on the Next Page							
2(b)-7	Who Decides Transport Route Above? (Choose One)	Your company	Seler of Material	Forwarder	Others	Unknown		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2(b)-8	What is Major Reasons Why Your Company Uses Transport Route Above? (Multiple Answers Allowed)	This Route Minimize Land Transport Time (Including Waiting Time)						<input type="checkbox"/>
		This Route Minimize Land Transport Cost						<input type="checkbox"/>
		Road Condition is Better on This Route						<input type="checkbox"/>
		Better Security for Road Transport on This Route						<input type="checkbox"/>
		Less Roadside Weighbridges on This Route						<input type="checkbox"/>
		Less Roadside Check Points on This Route						<input type="checkbox"/>
		Railway is Available on This Route						<input type="checkbox"/>
		Railway Operation is Effective/ Reliable on This Route						<input type="checkbox"/>
		Sea Port on This Route Minimize Maritime Transport Time						<input type="checkbox"/>
		Sea Port on This Route Minimize Maritime Transport Cost						<input type="checkbox"/>
		Sea Port Tariff (Sea Port Charge) is Minimized on This Route						<input type="checkbox"/>
		Better Security at Sea Port on This Route						<input type="checkbox"/>
		Less Border Crossing Time on This Route						<input type="checkbox"/>
		This Route does not Request Border Crossing						<input type="checkbox"/>
		Clearance Procedure is Easier on This Route						<input type="checkbox"/>
	This Route Minimize Cost for Clearance						<input type="checkbox"/>	
		Others (Specify)						<input type="text"/>
2(b)-9	Average Transport Time and Transport Cost of Major Material by Transport Route Above by Road	Time by Road			Cost by Road			
		Waiting/ Loading:	hours/ days			US\$/ ton		
					<i>Note: Bulk or Consolidated/ Circle Tsh or US\$</i>			
		Transport Time:	hours/ days			Tsh/ US\$/ 40 ft Container		
				<i>Note: Containerized/ Circle Tsh or US\$</i>				
	Total:	hours/ days			Tsh/ US\$/ 20 ft Container			
		<i>Note: Circle hours or days</i>			<i>Note: Containerized/ Circle Tsh or US\$</i>			

2(b)-10	<p>Average Transport Time and Transport Cost of Major Material by Transport Route Above by Rail</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>Time by Rail</b></p> <p>Waiting/Loading: <input type="text"/> hours/ days</p> <p>Transport Time: <input type="text"/> hours/ days</p> <p>Total: <input type="text"/> hours/ days</p> <p>Note: Circle hours or days</p>	<p><b>Cost by Rail</b></p> <p><input type="text"/> US\$/ton</p> <p>Note: Bulk or Consolidated/ Circle Tsh or US\$</p> <p><input type="text"/> Tsh/ US\$/ 40 ft Container</p> <p>Note: Containerized/ Circle Tsh or US\$</p> <p><input type="text"/> Tsh/ US\$/ 20 ft Container</p> <p>Note: Containerized/ Circle Tsh or US\$</p>
2(b)-11	<p>How Much Percentage of Major Material by Volume (ton) is Transported by Road and by Railway? (Specify)</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>Road</b></p> <p><input type="text"/> %</p>	<p><b>Railway</b></p> <p><input type="text"/> %</p>
2(b)-12	<p>Who Decides Transport Mode Above?</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p>Your Company <input type="checkbox"/></p>	<p>Seler of Material <input type="checkbox"/></p> <p>Forwarder <input type="checkbox"/></p> <p>Others <input type="checkbox"/></p> <p>Unknown <input type="checkbox"/></p>
2(b)-13	<p>What are Major Reasons Why Your Company Prefer Road or Railway? (Multiple Answers Allowed)</p> <p>Note: for Only Users of Central Corridor or Dar es Salaam Corridor or Other Routes with Railway</p>	<p><b>(Truck Transport Users: Please Answer from Choices Below.)</b></p> <p>Road Transport Time is Shorter than Railway Transport Time <input type="checkbox"/></p> <p>Waiting/ Loading Time for Railway Transport is Too Long <input type="checkbox"/></p> <p>Waiting Time for Railway Cannot be Expected. (Depending on Transport Demand, Waiting Time Could be Very Long) <input type="checkbox"/></p> <p>Railway Transport Time Cannot be Expected because of High Possibility of Delay of Transport. <input type="checkbox"/></p> <p>There is No Time Table for Railway Transport <input type="checkbox"/></p> <p>Security Level of Railway Transport is Too Low (Cargos Could Be Stolen in Case of Railway Transport.) <input type="checkbox"/></p> <p>There is High Possibility of Derailment Incidents (Cargos Could Be Broken in Case of Railway Transport.) <input type="checkbox"/></p> <p>There is No Refrigerated Transport Service for Railway. <input type="checkbox"/></p> <p>Others (Specify) <input type="text"/></p> <p><b>(Railway Transport Users: Please Answer from Choices Below.)</b></p> <p>Railway Transport Cost is Lower than Truck Transport Cost <input type="checkbox"/></p> <p>Border Crossing Procedure is Easier in Case of Railway Transport <input type="checkbox"/></p> <p>Others (Specify) <input type="text"/></p>	

(Transport Route: Regional)



(Transport Route: Tanzania)



**3. Alternative Transport Route: (b) Major Material**

3(b)-1	Is there an Alternative Transport Route for Major Material?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>If You Choose "No" for Question Above, Please Skip to Q4-1</b>			
3(b)-2	Please Choose an Alternative Transport Route You Could Use for Transport of Major Material (Choose One)	Dar es Salaam Corridor <input type="checkbox"/>	Central Corridor <input type="checkbox"/>
		Tanga Corridor <input type="checkbox"/>	Mtwara Corridor <input type="checkbox"/>
		Route from Mombasa <input type="checkbox"/>	
		Others (Specify) <input type="text"/>	
3(b)-3	Please Choose an Alternative Sea Port You Could Use for Transport of Major Material (Choose One)	Dar es Salaam Port <input type="checkbox"/>	Tanga Port <input type="checkbox"/>
		Mtwara Port <input type="checkbox"/>	Mombasa Port <input type="checkbox"/>
		No Sea Port is Used <input type="checkbox"/>	
		Others (Specify) <input type="text"/>	
3(b)-4	What are Major Reasons Why Your Company does NOT Use Alternative Transport Route Above? (Multiple Answers Allowed)	Land Transport Time is Long	<input type="checkbox"/>
		Land Transport Cost is High	<input type="checkbox"/>
		Road Condition is Bad on This Route	<input type="checkbox"/>
		Low-Security for Road Transport on This Route	<input type="checkbox"/>
		Many Roadside Weighbridges on This Route	<input type="checkbox"/>
		Many Roadside Check Points on This Route	<input type="checkbox"/>
		Railway is NOT Available on This Route	<input type="checkbox"/>
		Railway Operation is NOT Effective/ Reliable on This Route	<input type="checkbox"/>
		Maritime Transport to Sea Port on This Route Takes More Time	<input type="checkbox"/>
		Maritime Transport to Sea Port on This Route Takes More Cost	<input type="checkbox"/>
		Sea Port Tariff is High	<input type="checkbox"/>
		Low-Security at Sea Port on This Route	<input type="checkbox"/>
		Long Border Crossing Time on This Route	<input type="checkbox"/>
		This Route Requests Border Crossing	<input type="checkbox"/>
		Clearance Procedure is Complicated on This Route	<input type="checkbox"/>
	Cost for Clearance is High on this Route	<input type="checkbox"/>	
	Others (Specify)	<input type="text"/>	
<b>If Your Company does NOT use "Central Corridor" or "Dar es Salaam Corridor", This is End of Questions.</b>			

**4. Preference on Road and Railway**

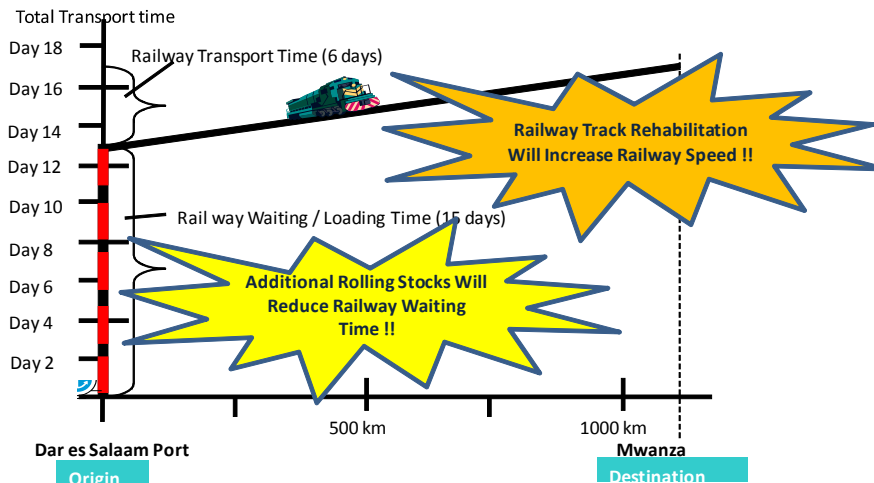
Because of low railway transport capacity, currently, cargos transported by railway have to wait for many days before loaded to the wagons. In addition, railway transport speed is very slow caused by railway tracks in bad condition.

However... ,

if the number of wagons and locomotives increase, railway transport capacity will increase and railway waiting time will decrease. Also, if the existing railway track is rehabilitated, railway transport speed will increase.

If such developments occur in the future, would you prefer railway or road to transport your cargos?

**(Example of Future Developments)**



	Railway	Road
<b>Now...</b>		
Waiting/Loading Time	15 days	3 hours
Transport Time	6 days	2 days
Transport Cost	US\$ 2000/ 40ft	US\$ 3000/ 40ft
<b>Future...</b>		
Waiting/Loading Time	1 days	3 hours
Transport Time	3 days	2 days
Transport Cost	US\$ 1800/ 40ft	US\$ 3000/ 40ft

Which should I take...?

**If Your Company is NOT Responsible to Decide Transport Route or Mode of Major Product, Please Skip to Question 4-2**



4. Preference on Road and Railway: (a) Major Product

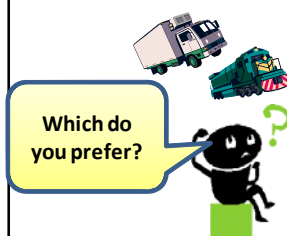
Current Status (Filled Out by Interviewer from Answer to Q 2(a)-9)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days	<input type="text"/> hours
Transport Time	<input type="text"/> days	<input type="text"/> days
Transport Cost	US\$/ Tsh/ 40ft/20ft/ton	US\$/ Tsh/ 40ft/20ft/ton

4(a). Which do You Prefer Road (Trucks) or Railway to Transport Major Product under the Following Assumptions?

Assumption 1 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton 80 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton Same as Current Road Transport Cost

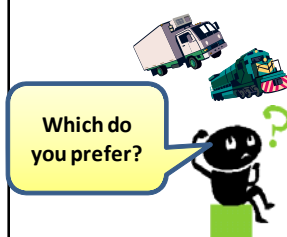


Railway  Road

Answer by Interviewee

Assumption 2 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton 60 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton Same as Current Road Transport Cost

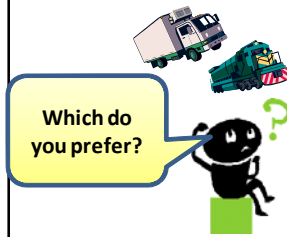


Railway  Road

Answer by Interviewee

**Assumption 3 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



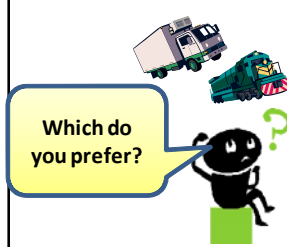
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 4 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>60 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



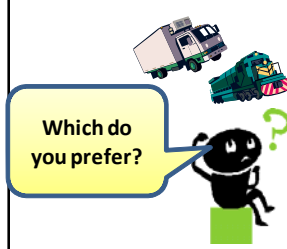
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 5 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> 1 day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>Same as Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



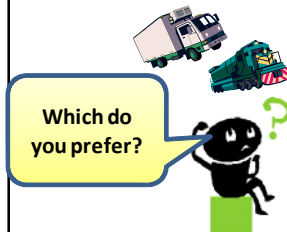
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 6 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>Same as Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft/20ft/ton  <small>60 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft/20ft/ton  <small>Same as Current Road Transport Cost</small>



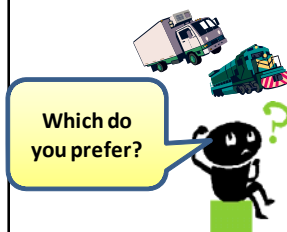
Which do you prefer?

Railway	Road
<input type="checkbox"/>	<input type="checkbox"/>

Answer by Interviewee

**Assumption 7 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>1/2 of Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft/20ft/ton  <small>80 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft/20ft/ton  <small>Same as Current Road Transport Cost</small>



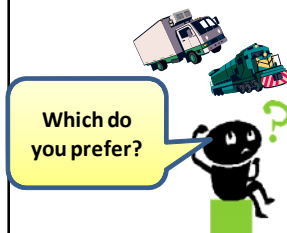
Which do you prefer?

Railway	Road
<input type="checkbox"/>	<input type="checkbox"/>

Answer by Interviewee

**Assumption 8 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>1/2 of Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft/20ft/ton  <small>60 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft/20ft/ton  <small>Same as Current Road Transport Cost</small>



Which do you prefer?

Railway	Road
<input type="checkbox"/>	<input type="checkbox"/>

Answer by Interviewee

If Your Company is NOT Responsible to Decide Transport Route or Mode of Major Material, This is End of Questions

4. Preference on Road and Railway: (b) Major Material

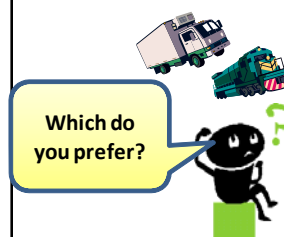
Current Status (Filled Out by Interviewer from Answer to Q 2(b)-9)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days	<input type="text"/> hours
Transport Time	<input type="text"/> days	<input type="text"/> days
Transport Cost	US\$/ Tsh/ 40ft/20ft/ton	US\$/ Tsh/ 40ft/20ft/ton

4(b). Which do You Prefer Road (Trucks) or Railway to Transport Major Material under the Following Assumptions?

Assumption 1 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton 80 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton Same as Current Road Transport Cost

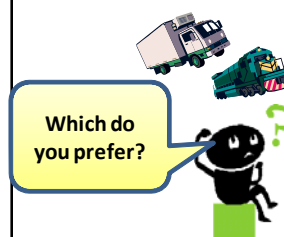


Railway  Road

Answer by Interviewee

Assumption 2 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton 60 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton Same as Current Road Transport Cost

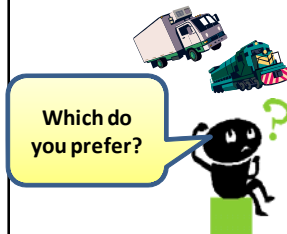


Railway  Road

Answer by Interviewee

**Assumption 3 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



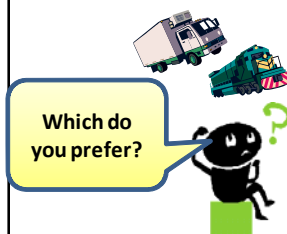
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 4 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>60 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



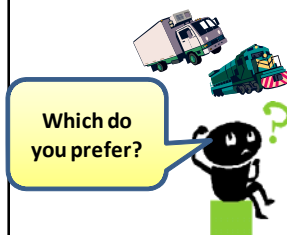
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 5 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> 1 day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>Same as Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft/20ft/ton <small>Same as Current Road Transport Cost</small>



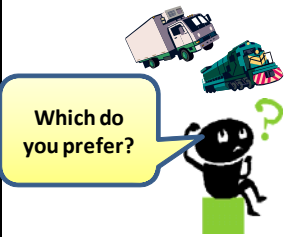
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 6 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>Same as Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>60 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>Same as Current Road Transport Cost</small>



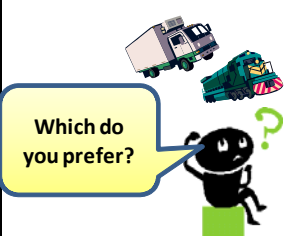
**Which do you prefer?**

Railway  Road

Answer by Interviewee

**Assumption 7 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>80 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>Same as Current Road Transport Cost</small>



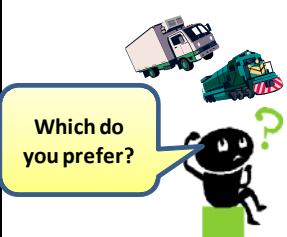
**Which do you prefer?**

Railway  Road

Answer by Interviewee

**Assumption 8 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>60 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft/20ft/ton"/> <small>Same as Current Road Transport Cost</small>



**Which do you prefer?**

Railway  Road

Answer by Interviewee

### 3.2.2 Questionnaire for Transport Service Industry in Tanzania

#### For Transport Service Industry 1

Name of Interviewer:

Date:  /  / 2011

Name of Interviewee (Contact Person):

Signature of Interviewee:

Telephone Number (Contact Info.):

#### 1. Summary of Business

1-1	Company Name	<input type="text"/>					
1-2	Branch Name	<input type="text"/>					
1-3	Location	Specify <input type="text"/>			Zone-Code <input type="text"/>		
1-4	Ownership (Choose One)	Private (100% Tanzania)	Private (100% Foreign)	Private (Tanzanian & Foreign, Joint)	Private & Public (Joint)	National Government	Other Public
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Others (Specify) <input type="text"/>					
1-5	Number of Employees in Tanzania (Specify)	<input type="text"/>					
1-6	How Many Trucks does Your Company Own? (Specify number of each category of trucks)	2 axes	3 axes	4 axes	5 axes	6 axes	7 axes
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1-7	Annual Sales (in Tanzania only)	<input type="text"/> Tsh/ US\$/ year					
		<i>Circle Tsh or US\$ (converted to US\$ at data processing)</i>					
1-8	Type of Service	Forwarding Company	<input type="checkbox"/>				
		Trucking Company	<input type="checkbox"/>				
		Clearance Agent	<input type="checkbox"/>				
		Shipping Company	<input type="checkbox"/>				

Zone Code	Region
T-1	Arusha
T-2	Dar es Salaam
T-3	Dodoma
T-4	Mbeya
T-5	Mtwara
T-6	Mwanza
T-7	Tanga

2. Transport Characteristics

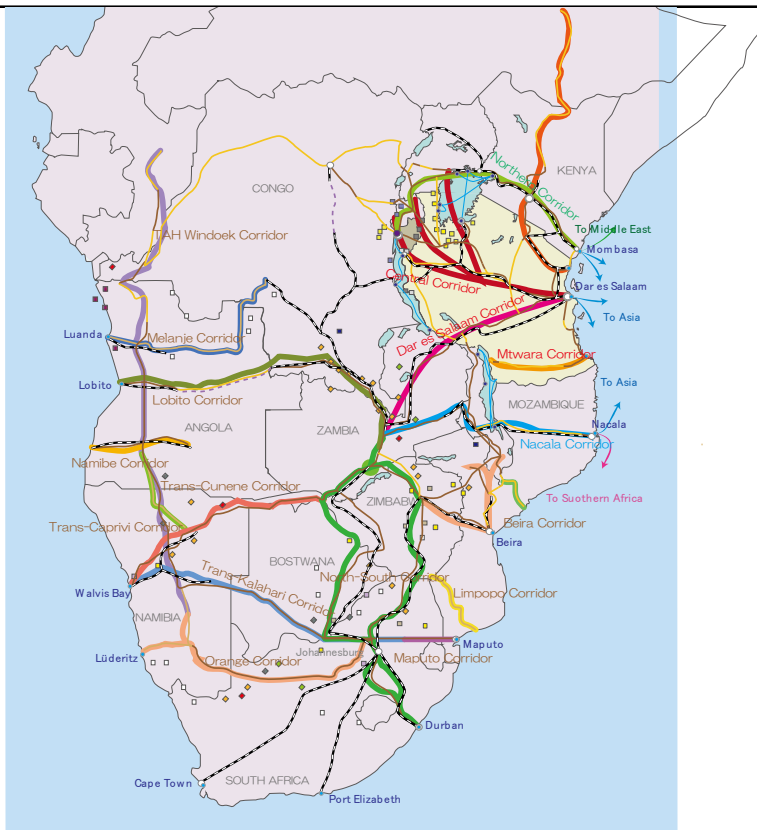
2-1	Loading Type/ Consignment Condition of Cargos Your Company Transport (Multiple Answers Allowed)	<table border="0"> <tr> <td>Containerize d/ Refrigerated</td> <td>Containerize d/ Non Refrigerated</td> <td>Consolidated / Refrigerated</td> <td>Consolidated/ Non Refrigerated</td> <td>Break Bulk/ Non Consolidated</td> <td>Liquid Bulk</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	Containerize d/ Refrigerated	Containerize d/ Non Refrigerated	Consolidated / Refrigerated	Consolidated/ Non Refrigerated	Break Bulk/ Non Consolidated	Liquid Bulk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Containerize d/ Refrigerated	Containerize d/ Non Refrigerated	Consolidated / Refrigerated	Consolidated/ Non Refrigerated	Break Bulk/ Non Consolidated	Liquid Bulk																															
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																															
2-2	By Which Routes does Your Company Transport Cargos? (Multiple Answers Allowed)	<table border="0"> <tr> <td>Dar es Salaam Corridor</td> <td>Central Corridor</td> <td>Tanga Corridor</td> <td>Mtwara Corridor</td> <td>Route from Mombasa</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Others (Specify)</td> </tr> <tr> <td colspan="5"><input type="text"/></td> </tr> </table>	Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route from Mombasa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Others (Specify)					<input type="text"/>																		
Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route from Mombasa																																
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
Others (Specify)																																				
<input type="text"/>																																				
2-3	Through Which Sea Port does Your Company Transport Cargos? (Multiple Answers Allowed)	<table border="0"> <tr> <td>Dar es Salaam Port</td> <td>Tanga Port</td> <td>Mtwara Port</td> <td>Mombasa Port</td> <td>No Sea Port is Used</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Others (Specify)</td> </tr> <tr> <td colspan="5"><input type="text"/></td> </tr> </table>	Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Others (Specify)					<input type="text"/>																		
Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used																																
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
Others (Specify)																																				
<input type="text"/>																																				
2-4	Please Describe Transport Routes Above on the Tanzanian Map and Regional Map on the Next Page																																			
2-5	How Much Percentage of Cargos are Transported by Route Chosen by Cargo Owners and by Your Company? (Specify)	<table border="0"> <tr> <td>Cargo Owners</td> <td>Your Company</td> </tr> <tr> <td><input type="text"/> %</td> <td><input type="text"/> %</td> </tr> </table>	Cargo Owners	Your Company	<input type="text"/> %	<input type="text"/> %																														
Cargo Owners	Your Company																																			
<input type="text"/> %	<input type="text"/> %																																			
<b>If Your Company does NOT Choose Transport Route, Please Skip to Q 2-7</b>																																				
2-6	Which Route does Your Company Prefer Most? (Choose One)	<table border="0"> <tr> <td>Dar es Salaam Corridor</td> <td>Central Corridor</td> <td>Tanga Corridor</td> <td>Mtwara Corridor</td> <td>Route from Mombasa</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Others (Specify)</td> </tr> <tr> <td colspan="5"><input type="text"/></td> </tr> </table>	Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route from Mombasa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Others (Specify)					<input type="text"/>																		
Dar es Salaam Corridor	Central Corridor	Tanga Corridor	Mtwara Corridor	Route from Mombasa																																
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Others (Specify)																																				
<input type="text"/>																																				
2-7	Which Port does Your Company Prefer Most? (Choose One)	<table border="0"> <tr> <td>Dar es Salaam Port</td> <td>Tanga Port</td> <td>Mtwara Port</td> <td>Mombasa Port</td> <td>No Sea Port is Used</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Others (Specify)</td> </tr> <tr> <td colspan="5"><input type="text"/></td> </tr> </table>	Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Others (Specify)					<input type="text"/>																		
Dar es Salaam Port	Tanga Port	Mtwara Port	Mombasa Port	No Sea Port is Used																																
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
Others (Specify)																																				
<input type="text"/>																																				
2-8	What is Major Reasons Why Your Company Prefer Transport Route Above? (Multiple Answers Allowed)	<table border="0"> <tr> <td>This Route Minimize Land Transport Time (Including Waiting Time)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>This Route Minimize Land Transport Cost</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Road Condition is Better on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Better Security for Road Transport on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Less Roadside Weighbridges on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Less Roadside Check Points on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Railway is Available on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Railway Operation is Effective/ Reliable on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Sea Port on This Route Minimize Maritime Transport Time</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Sea Port on This Route Minimize Maritime Transport Cost</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Sea Port Tariff (Sea Port Charge) is Minimized on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Better Security at Sea Port on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Less Border Crossing Time on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>This Route does not Request Border Crossing</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Clearance Procedure is Easier on This Route</td> <td><input type="checkbox"/></td> </tr> <tr> <td>This Route Minimize Cost for Clearance</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Others (Specify)</td> <td><input type="text"/></td> </tr> </table>	This Route Minimize Land Transport Time (Including Waiting Time)	<input type="checkbox"/>	This Route Minimize Land Transport Cost	<input type="checkbox"/>	Road Condition is Better on This Route	<input type="checkbox"/>	Better Security for Road Transport on This Route	<input type="checkbox"/>	Less Roadside Weighbridges on This Route	<input type="checkbox"/>	Less Roadside Check Points on This Route	<input type="checkbox"/>	Railway is Available on This Route	<input type="checkbox"/>	Railway Operation is Effective/ Reliable on This Route	<input type="checkbox"/>	Sea Port on This Route Minimize Maritime Transport Time	<input type="checkbox"/>	Sea Port on This Route Minimize Maritime Transport Cost	<input type="checkbox"/>	Sea Port Tariff (Sea Port Charge) is Minimized on This Route	<input type="checkbox"/>	Better Security at Sea Port on This Route	<input type="checkbox"/>	Less Border Crossing Time on This Route	<input type="checkbox"/>	This Route does not Request Border Crossing	<input type="checkbox"/>	Clearance Procedure is Easier on This Route	<input type="checkbox"/>	This Route Minimize Cost for Clearance	<input type="checkbox"/>	Others (Specify)	<input type="text"/>
This Route Minimize Land Transport Time (Including Waiting Time)	<input type="checkbox"/>																																			
This Route Minimize Land Transport Cost	<input type="checkbox"/>																																			
Road Condition is Better on This Route	<input type="checkbox"/>																																			
Better Security for Road Transport on This Route	<input type="checkbox"/>																																			
Less Roadside Weighbridges on This Route	<input type="checkbox"/>																																			
Less Roadside Check Points on This Route	<input type="checkbox"/>																																			
Railway is Available on This Route	<input type="checkbox"/>																																			
Railway Operation is Effective/ Reliable on This Route	<input type="checkbox"/>																																			
Sea Port on This Route Minimize Maritime Transport Time	<input type="checkbox"/>																																			
Sea Port on This Route Minimize Maritime Transport Cost	<input type="checkbox"/>																																			
Sea Port Tariff (Sea Port Charge) is Minimized on This Route	<input type="checkbox"/>																																			
Better Security at Sea Port on This Route	<input type="checkbox"/>																																			
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Clearance Procedure is Easier on This Route	<input type="checkbox"/>																																			
This Route Minimize Cost for Clearance	<input type="checkbox"/>																																			
Others (Specify)	<input type="text"/>																																			
<b>If Your Company does NOT use "Central Corridor" or "Dar es Salaam Corridor", Please Skip to Q2-10</b>																																				
2-9	How Much Percentage of Cargos Which Your Company is Responsible are Transported by Road and by Railway? (Specify)	<table border="0"> <tr> <td colspan="2" style="text-align: center;">Dar es Salaam Corridor</td> </tr> <tr> <td>Road</td> <td>Railway (TAZARA)</td> </tr> <tr> <td><input type="text"/> %</td> <td><input type="text"/> %</td> </tr> <tr> <td colspan="2" style="text-align: center;">Central Corridor</td> </tr> <tr> <td>Road</td> <td>Railway (Tanzania Railway: TRL)</td> </tr> <tr> <td><input type="text"/> %</td> <td><input type="text"/> %</td> </tr> </table>	Dar es Salaam Corridor		Road	Railway (TAZARA)	<input type="text"/> %	<input type="text"/> %	Central Corridor		Road	Railway (Tanzania Railway: TRL)	<input type="text"/> %	<input type="text"/> %																						
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Road	Railway (TAZARA)																																			
<input type="text"/> %	<input type="text"/> %																																			
Central Corridor																																				
Road	Railway (Tanzania Railway: TRL)																																			
<input type="text"/> %	<input type="text"/> %																																			
2-10	How Much Percentage of Cargos are Transported by Mode (Railway or Road) Chosen by Cargo Owners and Your Company? (Specify)	<table border="0"> <tr> <td>Cargo Owners</td> <td>Your Company</td> </tr> <tr> <td><input type="text"/> %</td> <td><input type="text"/> %</td> </tr> </table>	Cargo Owners	Your Company	<input type="text"/> %	<input type="text"/> %																														
Cargo Owners	Your Company																																			
<input type="text"/> %	<input type="text"/> %																																			
<b>If Your Company does NOT Responsible to Choose Transport Route or Mode, Please Skip to Q 5-1</b>																																				
2-11	What are Major Reasons Why Your Company Prefer Road or Railway? (Multiple Answers Allowed)	<table border="0"> <tr> <td colspan="2" style="text-align: center;"><b>(Truck Transport Users: Please Answer from Choices Below.)</b></td> </tr> <tr> <td>Road Transport Time is Shorter than Railway Transport Time</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Waiting/ Loading Time for Railway Transport is Too Long</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Waiting Time for Railway Cannot be Expected. (Depending on Transport Demand, Waiting Time Could be Very Long)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Railway Transport Time Cannot be Expected because of High Possibility of Delay of Transport.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>There is No Time Table for Railway Transport</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Security Level of Railway Transport is Too Low (Cargos Could Be Stolen in Case of Railway Transport.)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>There is High Possibility of Derailment Incidents (Cargos Could Be Broken in Case of Railway Transport.)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>There is No Refrigerated Transport Service for Railway.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Others (Specify)</td> <td><input type="text"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>(Railway Transport Users: Please Answer from Choices Below.)</b></td> </tr> <tr> <td>Railway Transport Cost is Lower than Truck Transport Cost</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Border Crossing Procedure is Easier in Case of Railway Transport</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Others (Specify)</td> <td><input type="text"/></td> </tr> </table>	<b>(Truck Transport Users: Please Answer from Choices Below.)</b>		Road Transport Time is Shorter than Railway Transport Time	<input type="checkbox"/>	Waiting/ Loading Time for Railway Transport is Too Long	<input type="checkbox"/>	Waiting Time for Railway Cannot be Expected. (Depending on Transport Demand, Waiting Time Could be Very Long)	<input type="checkbox"/>	Railway Transport Time Cannot be Expected because of High Possibility of Delay of Transport.	<input type="checkbox"/>	There is No Time Table for Railway Transport	<input type="checkbox"/>	Security Level of Railway Transport is Too Low (Cargos Could Be Stolen in Case of Railway Transport.)	<input type="checkbox"/>	There is High Possibility of Derailment Incidents (Cargos Could Be Broken in Case of Railway Transport.)	<input type="checkbox"/>	There is No Refrigerated Transport Service for Railway.	<input type="checkbox"/>	Others (Specify)	<input type="text"/>	<b>(Railway Transport Users: Please Answer from Choices Below.)</b>		Railway Transport Cost is Lower than Truck Transport Cost	<input type="checkbox"/>	Border Crossing Procedure is Easier in Case of Railway Transport	<input type="checkbox"/>	Others (Specify)	<input type="text"/>						
<b>(Truck Transport Users: Please Answer from Choices Below.)</b>																																				
Road Transport Time is Shorter than Railway Transport Time	<input type="checkbox"/>																																			
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Waiting Time for Railway Cannot be Expected. (Depending on Transport Demand, Waiting Time Could be Very Long)	<input type="checkbox"/>																																			
Railway Transport Time Cannot be Expected because of High Possibility of Delay of Transport.	<input type="checkbox"/>																																			
There is No Time Table for Railway Transport	<input type="checkbox"/>																																			
Security Level of Railway Transport is Too Low (Cargos Could Be Stolen in Case of Railway Transport.)	<input type="checkbox"/>																																			
There is High Possibility of Derailment Incidents (Cargos Could Be Broken in Case of Railway Transport.)	<input type="checkbox"/>																																			
There is No Refrigerated Transport Service for Railway.	<input type="checkbox"/>																																			
Others (Specify)	<input type="text"/>																																			
<b>(Railway Transport Users: Please Answer from Choices Below.)</b>																																				
Railway Transport Cost is Lower than Truck Transport Cost	<input type="checkbox"/>																																			
Border Crossing Procedure is Easier in Case of Railway Transport	<input type="checkbox"/>																																			
Others (Specify)	<input type="text"/>																																			



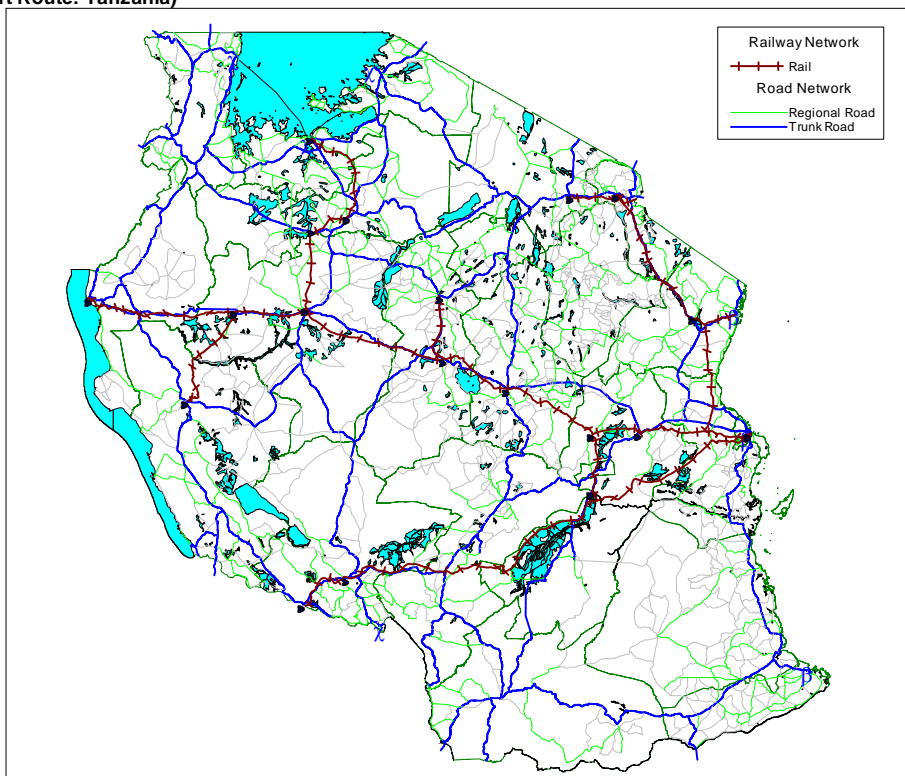
**3. Alternative Transport Route**

3-1	Is there an Alternative Transport Route You Could Use but do NOT Prefer?	Yes <input type="checkbox"/>	No <input type="checkbox"/>			
<b>If You Choose "No" for Question Above, Please Skip to Question 4-1</b>						
3-2	Please Choose an Alternative Transport Route You Could Use but do NOT Prefer	Dar es Salaam Corridor <input type="checkbox"/>	Central Corridor <input type="checkbox"/>	Tanga Corridor <input type="checkbox"/>	Mtwara Corridor <input type="checkbox"/>	Route from Mombasa <input type="checkbox"/>
		Others (Specify) <input style="width: 100%;" type="text"/>				
3-3	Please Choose an Alternative Sea Port You Could Use but do NOT Prefer	Dar es Salaam Port <input type="checkbox"/>	Tanga Port <input type="checkbox"/>	Mtwara Port <input type="checkbox"/>	Mombasa Port <input type="checkbox"/>	No Sea Port is Used <input type="checkbox"/>
		Others (Specify) <input style="width: 100%;" type="text"/>				
3-4	What is Major Reasons Why Your Company does NOT Prefer Alternative Transport Route Above? (Multiple Answers Allowed)	Land Transport Time is Long	<input type="checkbox"/>			
		Land Transport Cost is High	<input type="checkbox"/>			
		Road Condition is Bad on This Route	<input type="checkbox"/>			
		Low-Security for Road Transport on This Route	<input type="checkbox"/>			
		Many Roadside Weighbridges on This Route	<input type="checkbox"/>			
		Many Roadside Check Points on This Route	<input type="checkbox"/>			
		Railway is NOT Available on This Route	<input type="checkbox"/>			
		Railway Operation is NOT Effective/ Reliable on This Route	<input type="checkbox"/>			
		Maritime Transport to Sea Port on This Route Takes More Time	<input type="checkbox"/>			
		Maritime Transport to Sea Port on This Route Takes More Cost	<input type="checkbox"/>			
		Sea Port Tariff is High	<input type="checkbox"/>			
		Low-Security at Sea Port on This Route	<input type="checkbox"/>			
		Long Border Crossing Time on This Route	<input type="checkbox"/>			
		This Route Requests Border Crossing	<input type="checkbox"/>			
		Clearance Procedure is Complicated on This Route	<input type="checkbox"/>			
	Cost for Clearance is High on this Route	<input type="checkbox"/>				
		Others (Specify) <input style="width: 100%;" type="text"/>				
<b>If Your Company does NOT use "Central Corridor" or "Dar es Salaam Corridor", Please Skip to Q 5-1</b>						

(Transport Route: Regional)



(Transport Route: Tanzania)



#### 4. Preference on Road and Railway

Because of low railway transport capacity, currently, cargos transported by railway have to wait for many days before loaded to the wagons. In addition, railway transport speed is very slow caused by railway tracks in bad condition.

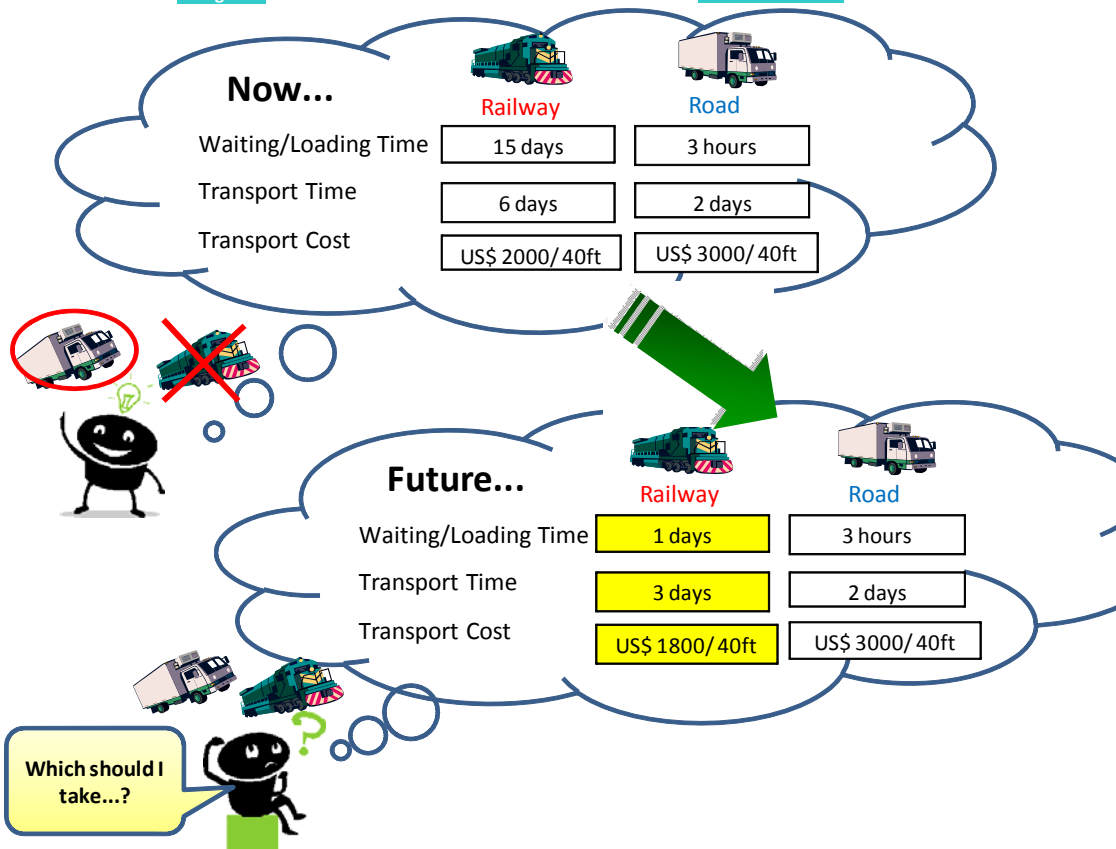
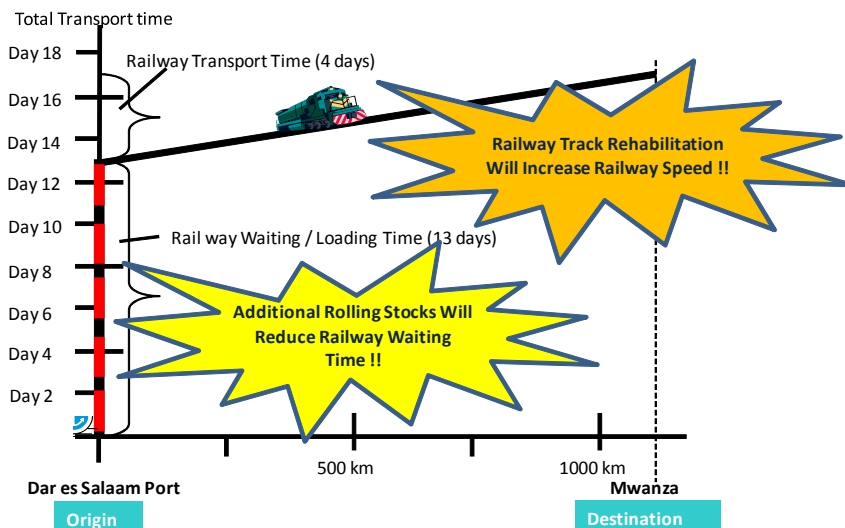
However... ,

if the number of wagons and locomotives increase, railway transport capacity will increase and railway waiting time will decrease.

Also, if the existing railway track is rehabilitated, railway transport speed will increase.

If such developments occur in the future, would you prefer railway or road to transport your cargos?

#### (Example of Future Developments)



4. Preference on Road and Railway: (a) Dar es Salaam Port to Kigoma

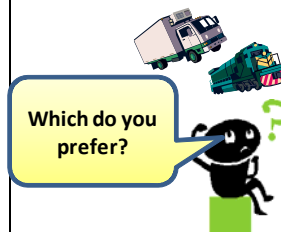
Current Status: from Dar es Salaam Port to Kigoma

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days	<input type="text"/> hours
Transport Time	<input type="text"/> days	<input type="text"/> days
Transport Cost	US\$/ Tsh/ 40ft	US\$/ Tsh/ 40ft

4(a). Which do You Prefer Road (Trucks) or Railway to Transport 40 ft Container from Dar es Salaam to Kigoma under the Following Assumptions?

Assumption 1 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft 80 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft Same as Current Road Transport Cost

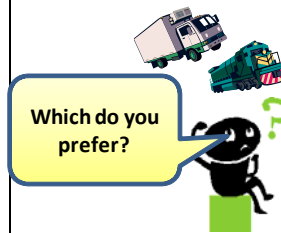


Railway  Road

Answer by Interviewee

Assumption 2 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft 60 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft Same as Current Road Transport Cost

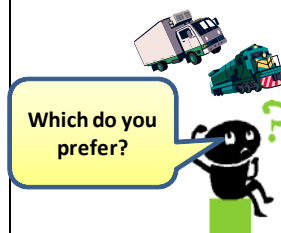


Railway  Road

Answer by Interviewee

**Assumption 3 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>

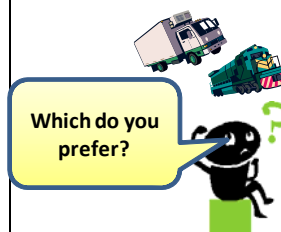


Railway  Road

Answer by Interviewee

**Assumption 4 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>60 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>

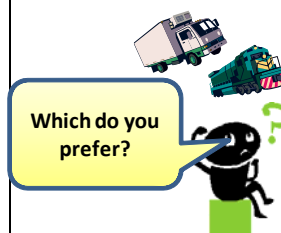


Railway  Road

Answer by Interviewee

**Assumption 5 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> 1 day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>Same as Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>

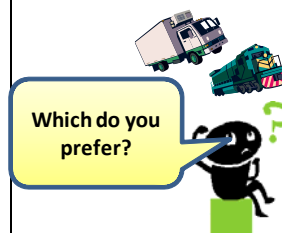


Railway  Road

Answer by Interviewee

**Assumption 6 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text" value=""/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text" value=""/> days <small>Same as Current Railway Transport Time</small>	<input type="text" value=""/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>60 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>Same as Current Road Transport Cost</small>

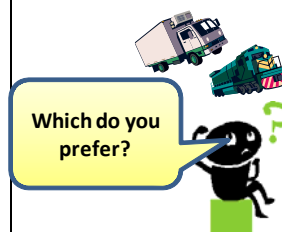


Railway  Road

Answer by Interviewee

**Assumption 7 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text" value=""/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text" value=""/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text" value=""/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>80 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>Same as Current Road Transport Cost</small>

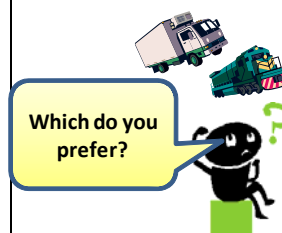


Railway  Road

Answer by Interviewee

**Assumption 8 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text" value="1"/> day	<input type="text" value=""/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text" value=""/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text" value=""/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>60 % of Road Transport Cost</small>	<input type="text" value="US\$/ Tsh/ 40ft"/> <small>Same as Current Road Transport Cost</small>



Railway  Road

Answer by Interviewee

4. Preference on Road and Railway: from Dar es Salaam Port to Lusaka

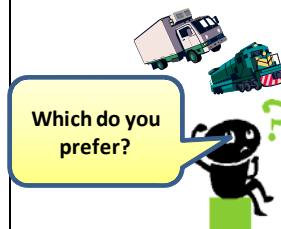
Current Status: from Dar es Salaam Port to Lusaka

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days	<input type="text"/> hours
Transport Time	<input type="text"/> days	<input type="text"/> days
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft	<input type="text"/> US\$/ Tsh/ 40ft

4(b). Which do You Prefer Road (Trucks) or Railway to Transport 40ft Container from Dar es Salaam to Lusaka under the Following Assumptions?

Assumption 1 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft 80 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft Same as Current Road Transport Cost

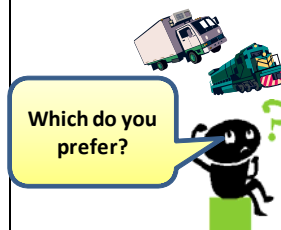


Railway  Road

Answer by Interviewee

Assumption 2 (Filled Out by Interviewer)

	Railway	Road
Waiting/ Loading Time	<input type="text"/> days 1/2 of Current Railway Waiting/ Loading Time	<input type="text"/> hours Same as Current Truck Waiting/ Loading Time
Transport Time	<input type="text"/> days Same as Current Railway Transport Time	<input type="text"/> days Same as Current Road Transport Time
Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft 60 % of Road Transport Cost	<input type="text"/> US\$/ Tsh/ 40ft Same as Current Road Transport Cost

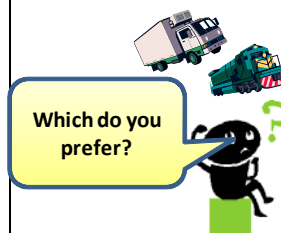


Railway  Road

Answer by Interviewee

**Assumption 3 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>



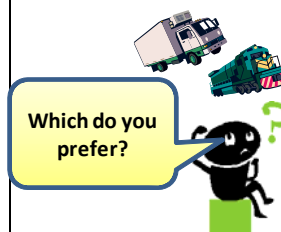
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 4 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> days <small>1/2 of Current Railway Waiting/ Loading Time</small>	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>1/2 of Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>60 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>



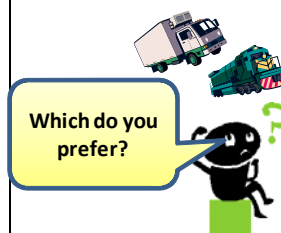
Which do you prefer?

Railway  Road

Answer by Interviewee

**Assumption 5 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	<input type="text"/> 1 day	<input type="text"/> hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	<input type="text"/> days <small>Same as Current Railway Transport Time</small>	<input type="text"/> days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	<input type="text"/> US\$/ Tsh/ 40ft <small>80 % of Road Transport Cost</small>	<input type="text"/> US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>



Which do you prefer?

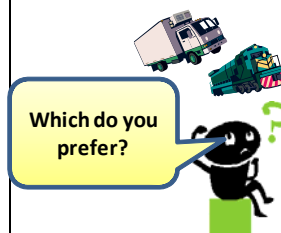
Railway  Road

Answer by Interviewee



**Assumption 6 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>Same as Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft <small>60 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>

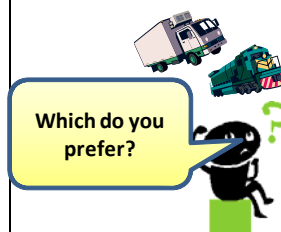


Railway  Road

Answer by Interviewee

**Assumption 7 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>1/2 of Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft <small>80 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>

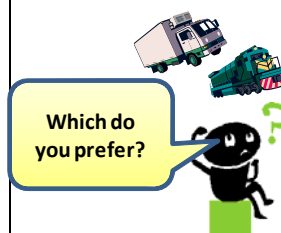


Railway  Road

Answer by Interviewee

**Assumption 8 (Filled Out by Interviewer)**

	Railway	Road
<b>Waiting/ Loading Time</b>	1 day	hours <small>Same as Current Truck Waiting/ Loading Time</small>
<b>Transport Time</b>	days <small>1/2 of Current Railway Transport Time</small>	days <small>Same as Current Road Transport Time</small>
<b>Transport Cost</b>	US\$/ Tsh/ 40ft <small>60 % of Road Transport Cost</small>	US\$/ Tsh/ 40ft <small>Same as Current Road Transport Cost</small>



Railway  Road

Answer by Interviewee

## For Transport Service Industry 2 (General)

### 5. Transport Routes

5-1. Please Choose All Road Transport Routes by Which Your Company Transport Cargos and Fill Out Transport Time and Cost of 40ft Container

Corridor	Origin (From)	Destination (To)	Border Crossing		Check	Total Transport Time	Total Transport Price
Dar es Salaam Corridor (to inland)	Dar es Salaam Port	Mbeya	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Mbeya	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Lusaka	Tunduma/ Nakonde		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Lusaka	Tunduma/ Nakonde		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Lubumbashi	Tunduma/ Nakonde	Lubumbashi	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Lubumbashi	Tunduma/ Nakonde	Lubumbashi	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Dar es Salaam Corridor (from inland)	Mbeya	Dar es Salaam Port	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mbeya	Dar es Salaam City	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lusaka	Dar es Salaam Port	Tunduma/ Nakonde		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lusaka	Dar es Salaam City	Tunduma/ Nakonde		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lubumbashi	Dar es Salaam Port	Lubumbashi	Tunduma/ Nakonde	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lubumbashi	Dar es Salaam City	Lubumbashi	Tunduma/ Nakonde	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Central Corridor (to inland)	Dar es Salaam Port	Dodoma	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Dodoma	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Mwanza	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Mwanza	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Kampala	Mutukula		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Kampala	Mutukula		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Kigali	Rusumo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Kigali	Rusumo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Bujumbura	Kobero		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Bujumbura	Kobero		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Goma	Rusumo	Goma	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Goma	Rusumo	Goma	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Bukavu	Rusumo	Bukavu	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Bukavu	Rusumo	Bukavu	<input type="checkbox"/>	hours/ days	Tsh/ US\$

Note 1: "Total Transport Time" should be specified as that informed to cargo owners including waiting/ loading time of the truck.

Note 2: "Total Transport Price" should be specified as that informed to cargo owners including the all fees of the service your company provide (e.g. transport, clearance charge, and fees for bonding) and fees to be paid directly from your company to customs or port authority (e.g. charge of customs if any, and sea port tariff).

Note: 3 Please cirlee hours or days as the unit of transport time

Note: 4 Please cirlee Tsh or US\$ as the unit of transport price

Corridor	Origin (From)	Destination (To)	Border Crossing		Check	Total Transport Time	Total Transport Price
Central Corridor (from inland)	Dodoma	Dar es Salaam Port	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dodoma	Dar es Salaam City	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mwanza	Dar es Salaam Port	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mwanza	Dar es Salaam City	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kampala	Dar es Salaam Port	Mutukula		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kampala	Dar es Salaam City	Mutukula		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kigali	Dar es Salaam Port	Rusumo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kigali	Dar es Salaam City	Rusumo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bujumbura	Dar es Salaam Port	Kobero		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bujumbura	Dar es Salaam City	Kobero		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Goma	Dar es Salaam Port	Goma	Rusumo	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Goma	Dar es Salaam City	Goma	Rusumo	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bukavu	Dar es Salaam Port	Bukavu	Rusumo	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bukavu	Dar es Salaam City	Bukavu	Rusumo	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Tanga Corridor (to inland)	Tanga Port	Arusha	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Tanga City	Arusha	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Nairobi	Arusha	Namanga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
Tanga Corridor (from inland)	Arusha	Tanga Port	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Arusha	Tanga City	---		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Arusha	Nairobi	Namanga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
Mtwara Corridor (to inland)	Dar es Salaam Port	Lilongwe	Ibanda/ Mwandenga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Lilongwe	Ibanda/ Mwandenga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
Mtwara Corridor (from inland)	Lilongwe	Dar es Salaam Port	Ibanda/ Mwandenga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lilongwe	Dar es Salaam City	Ibanda/ Mwandenga		<input type="checkbox"/>	hours/ days	Tsh/ US\$
Others	Mombasa Port	Arusha	Taveta/ Holili		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mombasa Port	Tanga	Lunga lunga/ Horo horo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Arusha	Mombasa Port	Taveta/ Holili		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Tanga	Mombasa Port	Lunga lunga/ Horo horo		<input type="checkbox"/>	hours/ days	Tsh/ US\$
	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$

Note 1: "Total Transport Time" should be specified as that informed to cargo owners including waiting/ loading time of the truck.

Note 2: "Total Transport Price" should be specified as that informed to cargo owners including the all fees of the service your company provide (e.g. transport, clearance charge, and fees for bonding) and fees to be paid directly from your company to customs or port authority (e.g. charge of customs if any, and sea port tariff).

Note: 3 Please circle hours or days as the unit of transport time

Note: 4 Please circle Tsh or US\$ as the unit of transport price

5-2. Please Choose All Railway Transport Routes by Which Your Company Transport Cargos and Fill Out Transport Time and Cost

Corridor	Origin (From)	Destination (To)	Railway	Lake Transport	Check	Total Transport Time	Total Transport Price
Dar es Salaam Corridor (to inland)	Dar es Salaam Port	Mbeya	Dar- Mbeya	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Mbeya	Dar- Mbeya	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Lusaka	Dar - Lusaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Lusaka	Dar - Lusaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Lubumbashi	Dar- Mbeya	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Lubumbashi	Dar- Mbeya	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Dar es Salaam Corridor (from inland)	Mbeya	Dar es Salaam Port	Mbeya - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mbeya	Dar es Salaam City	Mbeya - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lusaka	Dar es Salaam Port	Lusaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lusaka	Dar es Salaam City	Lusaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lubumbashi	Dar es Salaam Port	Mbeya - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Lubumbashi	Dar es Salaam City	Mbeya - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Central Corridor (to inland)	Dar es Salaam Port	Dodoma	Dar- Dodoma	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Dodoma	Dar- Dodoma	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Mwanza	Dar-Mwanza	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Mwanza	Dar-Mwanza	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Kampala	Dar- Mwanza/ Port Bell - Kampala	Mwanza - Port Bell	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Kampala	Dar- Mwanza/ Port Bell - Kampala	Mwanza - Port Bell	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Kigali	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Kigali	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Bujumbura	Dar- Kigoma	Kigoma - Bujumbura	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Bujumbura	Dar- Kigoma	Kigoma - Bujumbura	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Goma	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Goma	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam Port	Bukavu	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dar es Salaam City	Bukavu	Dar- Isaka	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$

Note 1: "Total Transport Time" should be specified as that informed to cargo owners including waiting/ loading time of the railway, the lake transport, and the truck.

Note 2: "Total Transport Price" should be specified as that informed to cargo owners including the all fees of the service your company provide (e.g. transport, clearance charge, and fees for bonding) and fees to be paid directly from your company to customs or port authority (e.g. charge of customs if any, and sea port tariff).

Note 3 Please circle hours or days as the unit of transport time

Note 4 Please circle Tsh or US\$ as the unit of transport price

Corridor	Origin (From)	Destination (To)	Railway	Lake Transport	Check	Total Transport Time	Total Transport Price
Central Corridor (from inland)	Dodoma	Dar es Salaam Port	Dodoma - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Dodoma	Dar es Salaam City	Dodoma - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mwanza	Dar es Salaam Port	Mwanza - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Mwanza	Dar es Salaam City	Mwanza - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kampala	Dar es Salaam Port	Kampala - Mwanza/ Port Bell - Dar	Port Bell - Mwanza	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kampala	Dar es Salaam City	Kampala - Mwanza/ Port Bell - Dar	Port Bell - Mwanza	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kigali	Dar es Salaam Port	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Kigali	Dar es Salaam City	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bujumbura	Dar es Salaam Port	Kigoma - Dar	Bujumbura - Kigoma	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bujumbura	Dar es Salaam City	Kigoma - Dar	Bujumbura - Kigoma	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Goma	Dar es Salaam Port	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Goma	Dar es Salaam City	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bukavu	Dar es Salaam Port	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	Bukavu	Dar es Salaam City	Isaka - Dar	---	<input type="checkbox"/>	hours/ days	Tsh/ US\$
Others	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$
	(Specify)	(Specify)	(Specify)	(Specify)	<input type="checkbox"/>	hours/ days	Tsh/ US\$

Note 1: "Total Transport Time" should be specified as that informed to cargo owners including waiting/ loading time of the railway, the lake transport, and the truck.

Note 2: "Total Transport Price" should be specified as that informed to cargo owners including the all fees of the service your company provide (e.g. transport, clearance charge, and fees for bonding) and fees to be paid directly from your company to customs or port authority (e.g. charge of customs if any, and sea port tariff).

Note 3 Please circle hours or days as the unit of transport time

Note 4 Please circle Tsh or US\$ as the unit of transport price

## For Transport Service Industry 2 (Specified Cooperative Large Forwarder Only)

### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2												
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost				
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)
Dar es Salaam (Import)	Dar Port	Mbeya			---							
	Dar Port	Lusaka			Tunduma/ Nakonde					Tanzania	Zambia	
	Dar Port	Lilongwe			Kasumulu/ Songwe					Tanzania	Malawi	
	Dar Port	Lubumbashi			Tunduma/ Nakonde	Kasumbalesa				Tanzania	DRC	
Dar es Salaam (Export)	Mbeya	Dar Port			---							
	Lusaka	Dar Port			Tunduma/ Nakonde					Zambia	Tanzania	
	Lilongwe	Dar Port			Kasumulu/ Songwe					Malawi	Tanzania	
	Lubumbashi	Dar Port			Tunduma/ Nakonde	Kasumbalesa				DRC	Tanzania	
Central (Import)	Dar Port	Dodoma			---					---	---	
	Dar Port	Mwanza			---					---	---	
	Dar Port	Kampala			Mutukula					Tanzania	Uganda	
	Dar Port	Kigali			Rusumo					Tanzania	Rwanda	
	Dar Port	Bujumbura			Kobero					Tanzania	Burundi	
	Dar Port	Goma			Rusumo	Goma				Tanzania	DRC	
	Dar Port	Bukavu			Rusumo	Bukavu				Tanzania	DRC	

5-1 (Continue) Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2 (Continue)													
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost					
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)
Central (Export)	Dodoma	Dar Port			---						---	---	
	Mwanza	Dar Port			---						---	---	
	Kampala	Dar Port			Mutukula						Uganda	Tanzania	
					Rusumo						Rwanda	Tanzania	
	Bujumbura	Dar Port			Kobero						Burundi	Tanzania	
					Rusumo	Goma					DRC	Tanzania	
	Bukavu	Dar Port			Rusumo	Bukavu					DRC	Tanzania	
Tanga (Import)	Tanga	Arusha			---						---	---	
	Nairobi	Arusha	---		Namanga					---	Kenya	Tanzania	
Tanga (Export)	Arusha	Tanga			---						---	---	
	Arusha	Nairobi	---		Namanga					---	Tanzania	Kenya	
Mtwara (Import)	Mtwara Port	Lilongwe			Ibanda/ Mwandenga						Tanzania	Malawi	
Mtwara (Export)	Lilongwe	Mtwara Port			Ibanda/ Mwandenga						Malawi	Tanzania	
Others (Import)	Mombasa	Arusha			Taveta/ Holili						Kenya	Tanzania	
		Tanga			Lunga lunga/ Horo horo						Kenya	Tanzania	
	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)	
Others (Export)	Arusha	Mombasa			Taveta/ Holili						Tanzania	Kenya	
		Tanga			Lunga lunga/ Horo horo						Tanzania	Kenya	
	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)	

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time								Transport Cost (Excluding Clearing Cost & Sea Port Tariff)			
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)		Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)	
Dar es Salaam (Import)	Dar Port	Mbeya		Dar	Dar- Mbeya	---	in Mbeya	Mbeya	---	---		Dar- Mbeya	---	in Mbeya
	Dar Port	Lusaka		Dar	Dar - Lusaka	---	in Lusaka	Lusaka	---	---		Dar - Lusaka	---	in Lusaka
	Dar Port	Lubumbashi		Dar	Dar- Mbeya	---	Mbeya - Lubumbashi	Mbeya	Lubumbashi Border	---		Dar- Mbeya	---	Mbeya - Lubumbashi
Dar es Salaam (Export)	Mbeya	Dar Port		Mbeya	Mbeya- Dar	---	in Mbeya	Mbeya	---	---		Mbeya- Dar	---	in Mbeya
	Lusaka	Dar Port		Lusaka	Lusaka- Dar	---	in Lusaka	Lusaka	---	---		Lusaka- Dar	---	in Lusaka
	Lubumbashi	Dar Port		Mbeya	Mbeya- Dar	---	Lubumbashi - Mbeya	Mbeya	Lubumbashi Border	---		Mbeya- Dar	---	Lubumbashi- Mbeya
Central (Import)	Dar Port	Dodoma		Dar	Dar- Dodoma	---	in Dodoma	Dodoma	---	---		Dar- Dodoma	---	in Dodoma
	Dar Port	Mwanza		Dar	Dar-Mwanza	---	in Mwanza	Mwanza	---	---		Dar-Mwanza	---	in Mwanza
	Dar Port	Kampala		Dar	Dar- Mwanza	Mwanza - Port Bell	in Kampala	Mwanza (Rail/Lake)	Kampala (Rail/Road)	Port Bell (Lake/Rail)		Dar- Mwanza	Mwanza - Port Bell	in Kampala
				Port Bell	Port Bell - Kampala							Port Bell - Kampala		
	Dar Port	Kigali		Dar	Dar- Isaka	---	Isaka - Kigali	Isaka	---	---		Dar- Isaka	---	Isaka - Kigali
	Dar Port	Bujumbura		Dar	Dar- Kigoma	Kigoma - Bujumbura	in Bujumbura	Kigoma (Rail/Lake)	Bujumbura (Lake/Road)	---		Dar- Kigoma	Kigoma - Bujumbura	in Bujumbura
	Dar Port	Goma		Dar	Dar- Isaka	---	Isaka - Goma	Isaka	Rusumo Border	Goma Border		Dar- Isaka	---	Isaka - Goma
	Dar Port	Bukavu		Dar	Dar- Isaka	---	Isaka - Bukavu	Isaka	Rusumo Border	Bukavu Border		Dar- Isaka	---	Isaka - Bukavu



5-2 (Continue)		Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2 (Continue)												
Corridor	Origin (From)	Destination (To)	Transport Time								Transport Cost (Excluding Clearing Cost & Sea Port Tariff)			
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit &/or Clearing (Rail/ Lake/ Road) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Central (Export)	Dodoma	Dar Port		Dodoma	Dodoma- Dar	---	in Dodoma	Dodoma	---	---		Dodoma- Dar	---	in Dodoma
	Mwanza	Dar Port		Mwanza	Mwanza- Dar	---	in Mwanza	Mwanza	---	---		Mwanza- Dar	---	in Mwanza
	Kampala	Dar Port		Mwanza	Mwanza- Dar	Mwanza - Port Bell	in Kampala	Mwanza (Rail/Lake)	Kampala (Rail/Road)	Port Bell (Lake/Rail)		Mwanza- Dar	Port Bell- Mwanza	in Kampala
				Kampala	Kampala- Port Bell							Kampala- Port Bell		
	Kigali	Dar Port		Isaka	Isaka- Dar	---	Kigali- Isaka	Isaka	---	---		Isaka- Dar	---	Kigali- Isaka
	Bujumbura	Dar Port		Kigoma	Kigoma- Dar	Kigoma - Bujumbura	in Bujumbura	Kigoma (Rail/Lake)	Bujumbura (Lake/Road)	---		Kigoma- Dar	Bujumbura- Kigoma	in Bujumbura
	Goma	Dar Port		Isaka	Isaka- Dar	---	Goma- Isaka	Isaka	Goma Border	Rusumo		Isaka- Dar	---	Goma- Isaka
	Bukavu	Dar Port		Isaka	Isaka- Dar	---	Bukavu- Isaka	Isaka	Bukavu Border	Rusumo Border		Isaka- Dar	---	Bukavu- Isaka
Mtwara (Import)	Dar Port	Lilongwe		Dar	Dar- Mbeya	---	Mbeya - Lilongwe	Mbeya	Ibanda/ Mwandenga	---		Dar- Mbeya	---	Mbeya - Lilongwe
Mtwara (Export)	Lilongwe	Dar Port		Mbeya	Mbeya- Dar	---	Lilongwe- Mbeya	Mbeya	Ibanda/ Mwandenga	---		Mbeya- Dar	---	Lilongwe- Mbeya
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

3.2.3 Questionnaire for Transport Service Industry in Burundi (Section 5 Only)

**For Transport Service Industry 2: Burundi**

**5. Transport Cost and Time**

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2															
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost							
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)		
Central (Import)	Dar Port	Bujumbura			Kobero						Tanzania	Burundi			
Central (Export)	Kampala	Dar Port			Mutukula						Uganda	Tanzania			
Northern (Import)	Mombasa Port	Bujumbura			Malaba	Katuna						Kenya	Burundi		
					Akanyaru Haut										
Northern (Export)	Mombasa Port	Bujumbura			Malaba	Katuna						Burundi	Kenya		
					Akanyaru Haut										
Others (Import)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)			
Others (Export)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)			

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5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time									Transport Cost (Excluding Clearing Cost & Sea Port Tariff)		
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Central (Import)	Dar Port	Bujumbura		Dar	Dar- Kigoma	Kigoma - Bujumbura	in Bujumbura	Kigoma (Rail/Lake)	Bujumbura (Lake/Road)	---		Dar- Kigoma	Kigoma - Bujumbura	in Bujumbura
Central (Export)	Bujumbura	Dar Port		Kigoma	Kigoma- Dar	Kigoma - Bujumbura	in Bujumbura	Kigoma (Rail/Lake)	Bujumbura (Lake/Road)	---		Kigoma- Dar	Bujumbura- Kigoma	in Bujumbura
Northern (Import)	Mombasa Port	Bujumbura		Mombasa Port	Mombasa - Kampala	---	Kampala - Bujumbura	Kampala	Katuna	Akanyaru Haut		Mombasa - Kampala	---	Kampala - Bujumbura
Northern (Export)	Bujumbura	Mombasa Port		Kampala	Kampala - Mombasa	---	Bujumbura - Kampala	Kampala	Katuna	Akanyaru Haut		Kampala - Mombasa	---	Bujumbura - Kampala
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

### 3.2.4 Questionnaire for Transport Service Industry in DRC (Section 5 Only)

#### For Transport Service Industry 2: DRC

##### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Dar es Salaam (Import)	Dar Port	Lubumbashi			Tunduma/ Nakonde	Kasumbalesa					Tanzania	DRC		
Dar es Salaam (Export)	Lubumbashi	Dar Port			Tunduma/ Nakonde	Kasumbalesa					DRC	Tanzania		
Central (Import)	Dar Port	Goma			Rusumo	Goma					Tanzania	DRC		
	Dar Port	Bukavu			Rusumo	Bukavu					Tanzania	DRC		
Central (Export)	Goma	Dar Port			Rusumo	Goma					DRC	Tanzania		
	Bukavu	Dar Port			Rusumo	Bukavu					DRC	Tanzania		
North-South Corridor (Import)	Durban Port	Lubumbashi			Beit Bridge	Chirundu					RSA	DRC		
	Durban Port	Lubumbashi			Skilpadshek/ Pioneer Gate	Kazungula					RSA	DRC		
North-South Corridor (Export)	Lubumbashi	Durban Port			Beit Bridge	Chirundu					DRC	RSA		
	Lubumbashi	Durban Port			Skilpadshek/ Pioneer Gate	Kazungula					DRC	RSA		
Trans Caprivi Corridor (Import)	Walvisbay Port	Lubumbashi			Wenela/ Katima Mulilo	Kasumbalesa					Namibia	DRC		

Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Trans Caprivi Corridor (Export)	Lubumbashi	Walvisbay Port			Wenela/ Katima Mulilo	Kasumbalesa					DRC	Namibia		
Lobito Corridor	Lobito Port	Lubumbashi			Luau/ Dilolo						Angola	DRC		
Lobito Corridor	Lubumbashi	Lobito Port			Luau/ Dilolo						DRC	Angola		
Northern (Import)	Mombasa Port	Goma			Malaba	Katuna					Kenya	DRC		
					Goma									
	Mombasa Port	Bukavu			Malaba	Katuna					Kenya	DRC		
					Bukavu									
Northern (Export)	Goma	Mombasa Port			Malaba	Katuna					DRC	Kenya		
					Goma									
	Bukavu	Mombasa Port			Malaba	Katuna					DRC	Kenya		
					Bukavu									
Others (Import)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)			
Others (Export)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)			

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time									Transport Cost (Excluding Clearing Cost & Sea Port Tariff)		
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Dar es Salaam (Import)	Dar Port	Lubumbashi		Dar	Dar- Mbeya	---	Mbeya - Lubumbashi	Mbeya	Lubumbashi Border	---		Dar- Mbeya	---	Mbeya - Lubumbashi
Dar es Salaam (Export)	Lubumbashi	Dar Port		Mbeya	Mbeya- Dar	---	Lubumbashi - Mbeya	Mbeya	Lubumbashi Border	---		Mbeya- Dar	---	Lubumbashi- Mbeya
Central (Import)	Dar Port	Goma		Dar	Dar- Isaka	---	Isaka - Goma	Isaka	Rusumo Border	Goma Border		Dar- Isaka	---	Isaka - Goma
Central (Export)	Goma	Dar Port		Isaka	Isaka- Dar	---	Goma- Isaka	Isaka	Goma Border	Rusumo		Isaka- Dar	---	Goma- Isaka
Central (Export)	Bukavu	Dar Port		Isaka	Isaka- Dar	---	Bukavu- Isaka	Isaka	Bukavu Border	Rusumo Border		Isaka- Dar	---	Bukavu- Isaka
North-South Corridor (Import)	Durban Port	Lubumbashi		Durban Port	Durban - Kitwe	---	Kitwe - Lubumbashi	Kitwe				Durban - Kitwe	---	Kitwe - Lubumbashi
North-South Corridor (Export)	Lubumbashi	Durban Port		Kitwe	Kitwe - Durban	---	Lubumbashi - Kitwe	Kitwe				Kitwe - Durban	---	Lubumbashi - Kitwe

Corridor	Origin (From)	Destination (To)	Transport Time									Transport Cost (Excluding Clearing Cost & Sea Port Tariff)		
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Northern (Import)	Mombasa Port	Goma		Mombasa Port	Mombasa - Kampala	---	Kampala - Goma	Kampala	Katuna	Goma		Mombasa - Kampala	---	Kampala - Goma
	Mombasa Port	Bukavu		Mombasa Port	Mombasa - Kampala	---	Kampala - Bukavu	Kampala	Katuna	Bukavu		Mombasa - Kampala	---	Kampala - Bukavu
Northern (Export)	Goma	Mombasa Port		Kampala	Kampala - Mombasa	---	Goma - Kampala	Kampala	Katuna	Goma		Kampala - Mombasa	---	Goma - Kampala
	Bukavu	Mombasa Port		Kampala	Kampala - Mombasa	---	Bukavu - Kampala	Kampala	Katuna	Bukavu		Kampala - Mombasa	---	Bukavu - Kampala
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

### 3.2.5 Questionnaire for Transport Service Industry in Kenya (Section 5 Only)

#### For Transport Service Industry 2: Kenya

##### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Northern (Import)	Mombasa Port	Kampala			Malaba						Kenya	Uganda		
					Kenya	Rwanda								
	Mombasa Port	Kigali			Malaba	Katuna								
					Malaba	Katuna								
	Mombasa Port	Bujumbura			Malaba	Katuna								
					Akanyaru Haut									
	Mombasa Port	Beni			Malaba	Mpondwe/ Kasindi								
					Malaba	Katuna								
	Mombasa Port	Goma			Goma									
					Malaba	Katuna								
	Mombasa Port	Bukavu			Malaba	Katuna								
					Bukavu									
Northern (Export)	Kampala	Mombasa Port			Malaba						Uganda	Kenya		
					Rwanda	Kenya								
	Kigali	Mombasa Port			Malaba	Katuna								
					Malaba	Katuna								
	Bujumbura	Mombasa Port			Malaba	Katuna								
					Akanyaru Haut									
	Beni	Mombasa Port			Malaba	Mpondwe/ Kasindi								
					Malaba	Katuna								
	Goma	Mombasa Port			Goma									
					Malaba	Katuna								
	Bukavu	Mombasa Port			Malaba	Katuna								
					Bukavu									



Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost					
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)
Tanga (Export)	Nairobi	Arusha	---		Namanga				---	Kenya	Tanzania		
Tanga (Import)	Arusha	Nairobi	---		Namanga				---	Tanzania	Kenya		
Others (Import)	Mombasa	Arusha			Taveta/ Holili					Kenya	Tanzania		
	Mombasa	Tanga			Lunga lunga/ Horo horo					Kenya	Tanzania		
	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		
Others (Export)	Arusha	Mombasa			Taveta/ Holili					Tanzania	Kenya		
	Tanga	Mombasa			Lunga lunga/ Horo horo					Tanzania	Kenya		
	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time							Transport Cost (Excluding Clearing Cost & Sea Port Tariff)				
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)		Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)	
Northern (Import)	Mombasa Port	Kampala		Mombasa Port	Mombasa - Kampala	---	in Kampala	Kampala				Mombasa - Kampala	---	in Kampala
	Mombasa Port	Kigali		Mombasa Port	Mombasa - Kampala	---	Kampala - Kigali	Kampala	Katuna			Mombasa - Kampala	---	Kampala - Kigali
	Mombasa Port	Bujumbura		Mombasa Port	Mombasa - Kampala	---	Kampala - Bujumbura	Kampala	Katuna	Akanyaru Haut		Mombasa - Kampala	---	Kampala - Bujumbura
	Mombasa Port	Beni		Mombasa Port	Mombasa - Kampala	---	Kampala - Beni	Kampala	Mpondwe/ Kasindi			Mombasa - Kampala	---	Kampala - Beni
	Mombasa Port	Goma		Mombasa Port	Mombasa - Kampala	---	Kampala - Goma	Kampala	Katuna	Goma		Mombasa - Kampala	---	Kampala - Goma
	Mombasa Port	Bukavu		Mombasa Port	Mombasa - Kampala	---	Kampala - Bukavu	Kampala	Katuna	Bukavu		Mombasa - Kampala	---	Kampala - Bukavu
Northern (Export)	Kampala	Mombasa Port		Kampala	Kampala - Mombasa	---	in Kampala	Kampala				Kampala - Mombasa	---	in Kampala
	Kigali	Mombasa Port		Kampala	Kampala - Mombasa	---	Kigali - Kampala	Kampala	Katuna			Kampala - Mombasa	---	Kigali - Kampala
	Bujumbura	Mombasa Port		Kampala	Kampala - Mombasa	---	Bujumbura - Kampala	Kampala	Katuna	Akanyaru Haut		Kampala - Mombasa	---	Bujumbura - Kampala
	Beni	Mombasa Port		Kampala	Kampala - Mombasa	---	Beni - Kampala	Kampala	Mpondwe/ Kasindi			Kampala - Mombasa	---	Beni - Kampala
	Goma	Mombasa Port		Kampala	Kampala - Mombasa	---	Goma - Kampala	Kampala	Katuna	Goma		Kampala - Mombasa	---	Goma - Kampala
	Bukavu	Mombasa Port		Kampala	Kampala - Mombasa	---	Bukavu - Kampala	Kampala	Katuna	Bukavu		Kampala - Mombasa	---	Bukavu - Kampala

Corridor	Origin (From)	Destination (To)	Transport Time								Transport Cost (Excluding Clearing Cost & Sea Port Tariff)			
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)		Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)	
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

### 3.2.6 Questionnaire for Transport Service Industry in Malawi (Section 5 Only)

#### For Transport Service Industry 2: Malawi

#### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2													
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost					
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)
Dar es Salaam (Import)	Dar Port	Lilongwe			Kasumulu/ Songwe						Tanzania	Malawi	
Dar es Salaam (Export)	Lilongwe	Dar Port			Kasumulu/ Songwe						Malawi	Tanzania	
North-South Corridor (Import)	Durban Port	Lilongwe			Beit Bridge	Chirundu					RSA	Malawi	
					Mwami (Chipata) / Mchinji								
	Durban Port	Lilongwe			Skilpadshek/ Pioneer Gate	Kazungula					RSA	Malawi	
					Mwami (Chipata) / Mchinji								
North-South Corridor (Export)	Lilongwe	Durban Port			Beit Bridge	Chirundu					Malawi	RSA	
					Mwami (Chipata) / Mchinji								
	Lilongwe	Durban Port			Skilpadshek/ Pioneer Gate	Kazungula					Malawi	RSA	
					Mwami (Chipata) / Mchinji								
Nacala Corridor	Nacala Port	Lilongwe			Mandimba/ Chiponde						Mozambique	Malawi	
Nacala Corridor	Lilongwe	Nacala Port			Mandimba/ Chiponde						Malawi	Mozambique	

Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost					
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)
Beira Corridor (Import)	Beira Port	Lilongwe			Mwanza/Zobue					Mozambique	Malawi		
	Beira Port	Blantyre			Mwanza/Zobue					Mozambique	Malawi		
Beira Corridor (Export)	Lilongwe	Beira Port			Mwanza/Zobue					Malawi	Mozambique		
	Blantyre	Beira Port			Mwanza/Zobue					Malawi	Mozambique		
Others (Import)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		
Others (Export)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time									Transport Cost (Excluding Clearing Cost & Sea Port Tariff)		
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)		Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)	
Dar es Salaam (Import)	Dar Port	Lilongwe		Dar	Dar- Mbeya	---	Mbeya - Lilongwe	Mbeya	Ibanda/ Mwandenga	---		Dar- Mbeya	---	Mbeya - Lilongwe
Dar es Salaam (Export)	Lilongwe	Dar Port		Mbeya	Mbeya- Dar	---	Lilongwe- Mbeya	Mbeya	Ibanda/ Mwandenga	---		Mbeya- Dar	---	Lilongwe- Mbeya
Nacala (Import)	Nacala Port	Lilongwe		Nacala Port	Nacala - Lilongwe	---	in Lilongwe	Lilongwe				Nacala - Lilongwe	---	in Lilongwe
	Nacala Port	Blantyre		Nacala Port	Nacala - Blantyre	---	in Blantyre	Blantyre				Nacala - Blantyre	---	in Blantyre
Nacala (Export)	Lilongwe	Nacala Port		Lilongwe	Lilongwe - Nacala	---	in Lilongwe	Lilongwe				Lilongwe - Nacala	---	in Lilongwe
	Blantyre	Nacala Port		Blantyre	Blantyre - Nacala	---	in Blantyre	Blantyre				Blantyre - Nacala	---	in Blantyre
Beira (Import)	Beira Port	Blantyre		Beira Port	Beira - Blantyre	---	in Blantyre	Blantyre				Beira - Blantyre	---	in Blantyre
Beira (Export)	Blantyre	Beira Port		Blantyre	Blantyre - Beira	---	in Blantyre	Blantyre				Blantyre - Beira	---	in Blantyre
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

### 3.2.7 Questionnaire for Transport Service Industry in Rwanda (Section 5 Only)

#### For Transport Service Industry 2: Rwanda

##### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Central (Import)	Dar Port	Kigali			Rusumo						Tanzania	Rwanda		
Central (Export)	Kigali	Dar Port			Rusumo						Rwanda	Tanzania		
Northern (Import)	Mombasa Port	Kigali			Malaba	Katuna					Kenya	Rwanda		
Northern (Export)	Mombasa Port	Kigali			Malaba	Katuna					Rwanda	Kenya		
Others (Import)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)		
Others (Export)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)		

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time									Transport Cost (Excluding Clearing Cost & Sea Port Tariff)		
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Central (Import) Central (Export)	Dar Port	Kigali		Dar	Dar- Isaka	---	Isaka - Kigali	Isaka	---	---		Dar- Isaka	---	Isaka - Kigali
	Kigali	Dar Port		Isaka	Isaka- Dar	---	Kigali- Isaka	Isaka	---	---		Isaka- Dar	---	Kigali- Isaka
Northern (Import) Northern (Export)	Mombasa Port	Kigali		Mombasa Port	Mombasa - Kampala	---	Kampala - Kigali	Kampala	Katuna			Mombasa - Kampala	---	Kampala - Kigali
	Kigali	Mombasa Port		Kampala	Kampala - Mombasa	---	Kigali - Kampala	Kampala	Katuna			Kampala - Mombasa	---	Kigali - Kampala
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)



### 3.2.8 Questionnaire for Transport Service Industry in Uganda (Section 5 Only)

#### For Transport Service Industry 2: Uganda

#### 5. Transport Cost and Time

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2													
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost					
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)
Central (Import)	Dar Port	Kampala			Mutukula					Tanzania	Uganda		
Central (Export)	Kampala	Dar Port			Mutukula					Uganda	Tanzania		
Northern (Import)	Mombasa Port	Kampala			Malaba					Kenya	Uganda		
Northern (Export)	Mombasa Port	Kampala			Malaba					Uganda	Kenya		
Others (Import)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		
Others (Export)	(Specify)	(Specify)			(Specify)					(Specify)	(Specify)		

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time								Transport Cost (Excluding Clearing Cost & Sea Port Tariff)			
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)			Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)
Central (Import)	Dar Port	Kampala		Dar	Dar-Mwanza	Mwanza - Port Bell	in Kampala	Mwanza (Rail/Lake)	Kampala (Rail/Road)	Port Bell (Lake/Rail)		Dar- Mwanza	Mwanza - Port Bell	in Kampala
				Port Bell	Port Bell - Kampala							Port Bell - Kampala		
Central (Export)	Kampala	Dar Port		Mwanza	Mwanza-Dar	Mwanza - Port Bell	in Kampala	Mwanza (Rail/Lake)	Kampala (Rail/Road)	Port Bell (Lake/Rail)		Mwanza- Dar	Port Bell- Mwanza	in Kampala
				Kampala	Kampala-Port Bell							Kampala- Port Bell		
Northern (Import)	Mombasa Port	Kampala		Mombasa Port	Mombasa - Kampala	---	in Kampala	Kampala			Mombasa - Kampala	---	in Kampala	
Northern (Export)	Kampala	Mombasa Port		Kampala	Kampala - Mombasa	---	in Kampala	Kampala			Kampala - Mombasa	---	in Kampala	
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---	(Specify)	---	(Specify)	
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---	(Specify)	---	(Specify)	

3.2.9 Questionnaire for Transport Service Industry in Zambia (Section 5 Only)

**For Transport Service Industry 2: Zambia**

**5. Transport Cost and Time**

5-1 Please Fill Out Road Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)	ICD or Other Locations for Clearing (Specify Location and Time) (hours)		Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Dar es Salaam (Import)	Dar Port	Lusaka			Tunduma/ Nakonde						Tanzania	Zambia		
Dar es Salaam (Export)	Lusaka	Dar Port			Tunduma/ Nakonde						Zambia	Tanzania		
North-South Corridor (Import)	Durban Port	Lusaka			Beit Bridge	Chirundu					RSA	Zambia		
	Durban Port	Lusaka			Skilpadshak/ Pioneer Gate	Kazungula					RSA	Zambia		
North-South Corridor (Export)	Lusaka	Durban Port			Beit Bridge	Chirundu					Zambia	RSA		
	Lusaka	Durban Port			Skilpadshak/ Pioneer Gate	Kazungula					Zambia	RSA		
Nacala Corridor (Import)	Nacala Port	Lusaka			Mandimba/ Chiponde	M wami (Chipata) / M chinji					Mozambique	Zambia		
Nacala Corridor (Export)	Lusaka	Nacala Port			Mandimba/ Chiponde	M wami (Chipata) / M chinji					Zambia	Mozambique		
Trans Caprivi Corridor (Import)	Walvisbay Port	Lusaka			Wenela/ Katima Mulilo (Sesheke)						Namibia	Zambia		
Trans Caprivi Corridor (Export)	Lusaka	Walvisbay Port			Wenela/ Katima Mulilo (Sesheke)						Zambia	Namibia		

Corridor	Origin (From)	Destination (To)	Transport Time					Transport Cost						
			Sea Port Clearing & Others (days)	Road Transport (days)	Border Crossing (hours)		ICD or Other Locations for Clearing (Specify Location and Time) (hours)	Total Time (days)	Sea Port Tariff (US\$)	Clearing (Origin, Port or ICD) (US\$)	Clearing (Destination, Port or ICD) (US\$)	Road (Truck) Transport (US\$)	Total Cost (US\$)	
Lobito Corridor (Import)	Lobito Port	Lusaka			Luau/ Dilolo	Kasumbalesa					Angola	Zambia		
Lobito Corridor (Export)	Lusaka	Lobito Port			Luau/ Dilolo	Kasumbalesa					Zambia	Angola		
Others (Import)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)		
Others (Export)	(Specify)	(Specify)			(Specify)						(Specify)	(Specify)		

5-2 Please Fill Out Rail Transport Time and Cost of 40ft Container at Each Transport Stage on Transport Corridors Chosen by Question 2-2														
Corridor	Origin (From)	Destination (To)	Transport Time								Transport Cost (Excluding Clearing Cost & Sea Port Tariff)			
			Sea Port Clearing & Others (days)	Railway Waiting (days)	Rail Transport (days)	Lake Transport (days)	Road Transport (days/hours)	Transit (Rail/ Lake/ Road) &/or Clearing (Border, Port or ICD) (hours)		Total Time (days)	Rail Transport (US\$)	Lake Transport (US\$)	Road Transport (US\$)	
Dar es Salaam (Import)	Dar Port	Lusaka		Dar	Dar - Lusaka	---	in Lusaka	Lusaka	---	---		Dar - Lusaka	---	in Lusaka
Dar es Salaam (Export)	Lusaka	Dar Port		Lusaka	Lusaka- Dar	---	in Lusaka	Lusaka	---	---		Lusaka- Dar	---	in Lusaka
North-South Corridor (Import)	Durban Port	Lusaka		Durban Port	Durban - Lusaka	---	in Lusaka	Lusaka				Durban - Lusaka	---	in Lusaka
North-South Corridor (Export)	Lusaka	Durban Port		Lusaka	Lusaka - Durban	---	in Lusaka	Lusaka				Lusaka - Durban	---	in Lusaka
Others (Import)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)
Others (Export)	(Specify)	(Specify)		(Specify)	(Specify)	---	(Specify)	(Specify)	(Specify)	---		(Specify)	---	(Specify)

